Portfolio tool applications

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- Automotive
- Electronics
- Household
- Construction
- Healthcare
- Packaging
- Toys, Sports & Leisure

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Audi A3 center console

PRODUCT FACTS

Made with:

Novodur® Ultra 4105

Key properties

Heat resistance
Impact strength
Low emmision

Audi A3 center console Audi turned to Styrolution to help create the center console for the A3, selecting Novodur Ultra 4105 for its reduced density and lower weight, stiffness-toughness balance, heat resistance, improved adhesion to soft components. This new ABS/PC also offers cost advantage versus traditional PC/ABS.

Overview

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Audi A6 glove box

PRODUCT FACTS

Made with:

Novodur® Ultra 4105

Key properties

Heat resistance
Impact strength
Low emmision

Audi A6 glove box Audi developed the A6 glove box together with Styrolution using Novodur Ultra 4105. Requiring high-energy absorption during front impact crash, good adhesion to PU foam and high dimensional stability, Audi took advantage of the reduced density, high flow and the cost advantages of Styrolution ABS/PC for this application.

Overview

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Audi S line scuff plates

PRODUCT FACTS

Made with:

Luran® 348Q

Key properties

Transparency

High gloss

Audi S line scuff plates: To create a tailor-made translucent colored scuff plate for the Audi S line, Luran 348Q proved to be the ideal material. Because of its superiority to PMMA in terms of flow ability, the grade is also able to produce large panels needed for the S6.

Overview

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Surface aesthetics in any shade

PRODUCT FACTS

Made with:

Terblend® S NM-31

Key properties

Chemical resistance
UV resistance
Impact strength
Scratch resistance

Renault Zoe Totem Console: Styrolution helped Visteon develop a surface solution for the center console frame of the Renault Zoe, its new electrical vehicle. Using one material – Terblend S NM-31 – Styrolution created an innovative aesthetic for both light and dark color versions, delivering a matte surface, scratch resistance, UV stability, easy flow and high-impact strength.

Overview

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Illuminating a history of performance

PRODUCT FACTS

Made with:

Novodur® HH-112

Luran® S 778T SPF30

Key properties

Heat resistance

Impact strength

Dimensional stability

Renault Trafic rear light: Seeking proven materials that offered the necessary characteristics for the Renault Trafic rear light, Valeo and Mecaplast found the ideal solutions in Novodur HH-112 and Luran S 778T SPF30.Given its history in automotive lighting applications, Novodur HH-112 was a clear choice for Valeo. Mecaplast selected Luran S 778T SPF30 due to its enhanced UV protection and proven performance in former models.

Overview

Automotive

STYROLUTION
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High gloss at lower weight and cost

PRODUCT FACTS

Made with:

Luran® HH-120 SPF 50

Key properties

Scratch resistance

UV resistance

Dimensional stability

Jaguar Land Rover D-Pillar Cover: Styrolution collaborated with Rosti Mc Kechnie and Jaguar Land Rover to create pillar trims for the Evoque in Luran HH-120 SPF50. Combining high heat stability, excellent uv performance, easy flow, and a lower density compared to PMMA, it provides a cost- effective high-gloss finish without the need to paint.

STYROLUTION
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Diamond brilliance in luxury automotive

PRODUCT FACTS

Made with:

LURAN® S 778T SPF 30 Q465

Key properties

Heat resistance

UV resistance

Dimensional stability

Daimler front grill A-class: To create a luxury diamond front grill, Styrolution partnered with Magna Exteriors & Interiors and Kurz. Specialty grade Luran S proved the ideal medium to customize 280 uniquely shaped diamonds on top of the grill due to its design flexibility, high-aesthetic value, dimensionally stable surface and long-term UV resistance.

Overview

STYROLUTION
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Mirror housings that shine, never fade

PRODUCT FACTS

Made with:

LURAN® S 778T SPF 30

NOVODUR® H604

Key properties

Heat resistance

UV resistance

Dimensional stability

VW Up mirror: Volkswagen created the Up mirror housing using Luran S 778T in both the painted and unpainted versions, as it was specifically developed to match the color of the mirror foot made of PA GF. The first application of the superior UV-stable Luran S 778 SPF 30 was used in the mirror base triangle to improve retention of the deep color depth after weathering.

Overview

Aesthetic and durable front grill

PRODUCT FACTS

Made with:

NOVODUR® P2MC

LURAN® S 778T Q42

Key properties

Flowability

Electroplating

VW Tiguan front grill: The Volkswagen Tiguan front grill, produced by Gerhardi, is made from Luran S 778T and its chrome applications from Novodur P2MC. Luran S delivers long-term performance in unpainted surface aesthetics, while Novodur P2MC offers the lowest scrap rate among electroplating materials, excellent metal adhesion and durability at sudden temperature changes.

Overview

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Škoda Octavia front grill

PRODUCT FACTS

Made with:

LURAN® S 778T SPF 30

Key properties

Heat resistance

UV resistance

Dimensional stability

Škoda Octavia front grill: Styrolution partnered with Škoda Auto and Magna Exteriors & Interiors to develop a jet black colored front grill for the new Škoda Octavia. The front grill with textured and high gloss areas combined in one part is made with Luran S 778T SPF 30 because of its excellent long-term UV-protection.

Overview

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Balanced Characteristics for Wheel Caps

PRODUCT FACTS

Made with:

NOVODUR® Ultra 4000PG

Key properties

Heat resistance

Impact strength

Electroplating

Opel/Vauxhall Corsa wheel caps: When searching for a material solution for the Opel/Vauxhall Corsa 4400 wheel caps, Pobaplastic chose Styrolution's high heat eletroplatable ABS grade Novodur Ultra 4000PG. This grade offers the required balance of extreme heat performance, mechanical properties, excellent adhesion and high surface quality needed for plating.

Overview

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Innovative 3D license plates

PRODUCT FACTS

Made with:

LURAN® S 778T SPF 30

Key properties

Heat resistance

UV resistance

Dimensional stability

Moventa License Plate: Up to 25% lighter than metal plates and reducing CO2 emissions by 85% in production, the new 3D license plate from Moventa with unpainted, UV-resistant letters made from Luran S 778T SPF 30 is an example of how Styrolution materials create lightweight, environmentally friendly solutions. Highly flexible, the Luran S letters enable one-step assembly and long-lasting 3D coloring.

Overview

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Loudspeaker grill

PRODUCT FACTS

Made with:

Terblend® N NM-21 EF

Key properties

Chemical resistance

Impact strength

Flowability

Low gloss

Loudspeaker grill: The Terblend® N product line is comprised of blends of ABS with polyamide. It combines excellent impact strength and chemical resistance with high melt flow and good acoustic dampening. Terblend N is especially suitable for customers looking for a matte surface finish that does not require painting, and is therefore a cost-effective solution for automotive interiors.

Overview

Automotive

STYROLUTION
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Lower seat trims

PRODUCT FACTS

Made with:

Terblend® N NM-21 EF

Key properties

Chemical resistance

Impact strength

Flowability

Low gloss

Lower seat trims: The Terblend® N product line is comprised of blends of ABS with polyamide. It combines excellent impact strength and chemical resistance with high melt flow and good acoustic dampening. Terblend N is especially suitable for customers looking for a matte surface finish that does not require painting, and is therefore a cost-effective solution for automotive interiors.

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Luran S 777K for rear view mirrors

PRODUCT FACTS

Made with:

Luran® S 777K

Key properties

Chemical resistance

UV resistance

Luran S 777K for rear view mirrors: Suited for application in automotive rear view mirrors and front grills, Luran S 777K offers high flow properties for technical design complex and shape. An alternative solution is Luran S 778 T, offering a higher heat stability.

Overview

STYROLUTION
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Luran SC KR2863C for roof compartment

PRODUCT FACTS

Made with:

Luran® SC KR 2863C

Key properties

Heat resistance
UV resistance
Impact strength
Long term property retention

Luran SC KR2863C for roof compartment: With superior heat resistance and impact strength, Luran SC KR2863C is used in automotive for interior roof compartments and mirrors. Like all Luran SC products, it offers top UV stability and scratch resistance, but is further customized to withstand high-heat. Offered pre-colored it is an ideal alternative to replace alternative painted parts.

Overview

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Luran SC KR2864C for truck front grills

PRODUCT FACTS

Made with:

Luran® SC KR 2864C

Key properties

Heat resistance

UV resistance

Impact strength

Flowability

Luran SC KR2864C for Truck Front Grills: Luran SC KR2864C is the leading choice for truck front grills in the auto industry. Its high flowability enables a mere half-second injection time and thus reduces cycle time for increased capacity and savings in the production of large parts. It also offers superior aesthetics with impact-, scratch- and UV-resistance.

Overview

STYROLUTION
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Luran SC KR2866C for car front grills

PRODUCT FACTS

Made with:

Luran® SC KR 2866C

Key properties

Heat resistance

UV resistance

Impact strength

Luran SC KR2866C for car front grills: Applied predominantly in the auto industry, Luran SC KR2866C offers cost-effective quality with an excellent balance between flow and impact properties, making it ideal for front grills. It combines performance and aesthetics with a black surface supported by UV stability and scratch resistance, eliminating the need for paint and thus reducing part costs.

Overview

STYROLUTION
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Luran SC KR28611C for truck cabin parts

PRODUCT FACTS

Made with:

Luran® SC KR 2861/1C

Key properties

Heat resistance

UV resistance

Impact strength

Long term property rentention

Luran SC KR28611C for truck cabin parts: An optimal solution for truck cabin parts, Luran SC KR2861/1C is suitable for extrusion or injection molding uphold functionality and heat resistance. It reduces part costs by blending performance and high-quality aesthetics through pre-colored, unpainted parts with superior UV stability and scratch resistance.

Overview

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Novodur Ultra 4140PG for electroplated front grills

PRODUCT FACTS

Made with:

NOVODUR® Ultra 4140PG

Key properties

Heat resistance

Impact strength

Electroplating

Novodur Ultra 4140PG for electroplated front grills: Customized for chrome parts, Novodur 4140PG is used primarily in electroplated front grills and interior high heat electroplating applications in the automotive industry. It supports outstanding adhesion of the chrome layer to the plastic as well as superior heat resistance and impact strength to prevent the chipping and denting that occur with daily operation.

Overview

STYROLUTION
Driving Success. Together.

Novodur H604 for rear view mirrors

PRODUCT FACTS

Made with:

NOVODUR® H604

Key properties

Heat resistance

Impact strength

Flowability

Novodur H604 for rear view mirrors: With a smooth, glossy surface ideal for painted surfaces, Novodur H604 is primarily utilized for automotive mirror housings and interior trims. It provides a balanced property profile with enhanced chemical resistance, heat resistance and excellent flowability.

Overview

STYROLUTION
Driving Success. Together.

Novodur H605 for interior trim

PRODUCT FACTS

Made with:

NOVODUR® H605

Key properties

Heat resistance

Impact strength

Flowability

Low emission

Novodur H605 for interior trim: Optimized for automotive interior trim such as arm rests, seat trims and trunk installations, Novodur H605 ABS is a very low emission grade. Its high flowability and medium heat resistance make it suitable for thin wall applications below the door line.

Overview

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Novodur HH-106 for mirror housing

PRODUCT FACTS

Made with:

NOVODUR® HH-106

Key properties

Heat resistance

Impact strength

Flowability

Novodur HH-106 for mirror housing: Utilized for automotive center consoles, radiator grills and mirror housings, Novodur HH-106 has a smooth, glossy surface ideal for painted surfaces. A global product available at incredible value, it has a balanced property profile with high heat resistance and excellent flowability.

Overview

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Novodur H801 for interior trim

PRODUCT FACTS

Made with:

NOVODUR® H801

Key properties

Heat resistance

Impact strength

Flowability

Low emission

Novodur H801 for interior trim: Characterized by high heat resistance and strong impact resistance, Novodur H801 is a low-emission ABS grade tailored for automotive interior trim used in the upper portion of the car, including door rolls, door trim, door liner material and center consoles.

Overview

Novodur H802 for rear lamp housings

PRODUCT FACTS

Made with:

NOVODUR® H802

Key properties

Heat resistance

Impact strength

Flowability

Novodur H802 for rear lamp housings: With superior heat resistance, Novodur H802 is ideally suited for automotive rear lamp housings with high quality low-haze surface. This is critical in creating light reflection for rear lights, while also providing superior stiffness and paintability.

Overview

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Novodur P2HGV for spoilers

PRODUCT FACTS

Made with:

NOVODUR® P2HGV

Key properties

Heat resistance

Dimensional stability

Rigidity

Novodur P2HGV for spoilers: Novodur P2HGV is a glass-fiber-reinforced injection molding grade specifically tailored for structural automotive parts like rear spoilers. It provides high rigidity, enhanced heat resistance, and the inner structure needed to develop fixation points and maintain the form for large parts.

Overview

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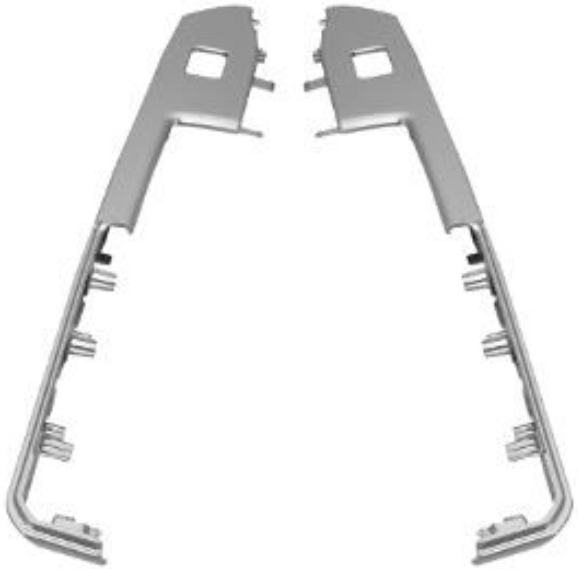
Novodur Ultra 4000PG for interior cosmetic parts



PRODUCT FACTS

Made with:

NOVODUR® Ultra 4000PG

Key properties

Heat resistance

Impact strength

Electroplating

Novodur Ultra 4000PG for interior cosmetic parts: Perfectly tailored for electroplating applications, Ultra 4000PG is a high heat-resistant ABS material applied in interior cosmetic parts in the automotive industry. Styrolution's highest quality standards ensure the lowest scrap rate during production and thus lower costs, making it the ideal replacement for PC/ABS.

Overview

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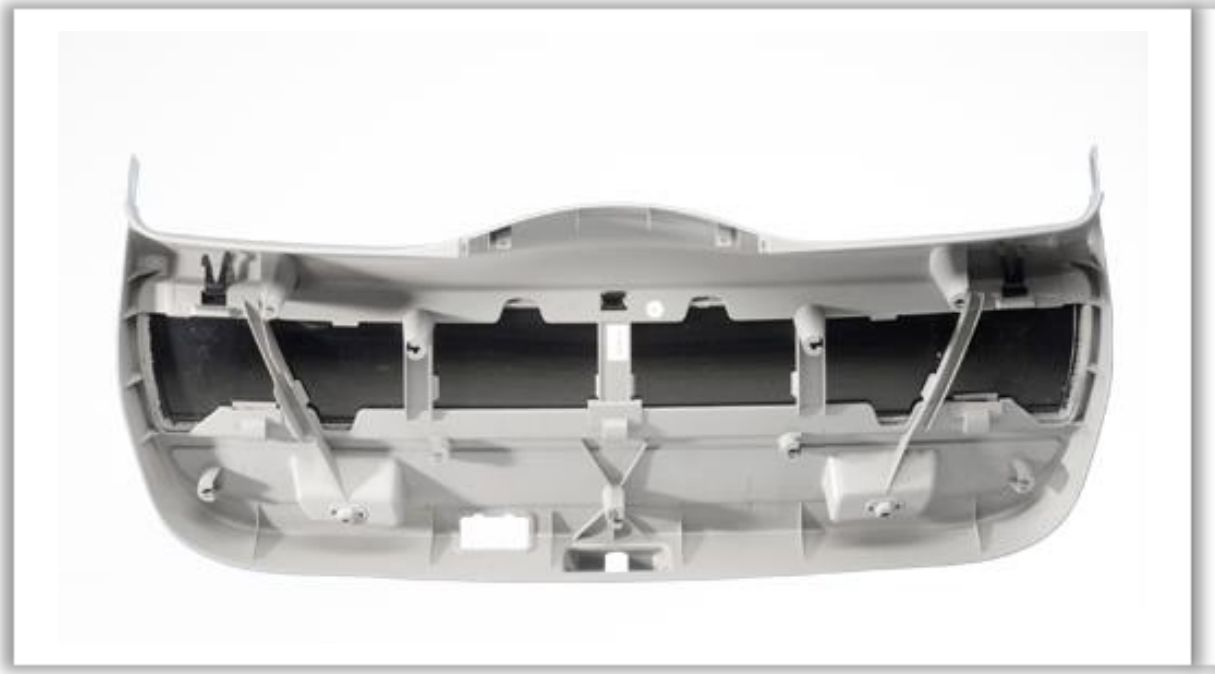
Novodur Ultra 4115 for interior parts



PRODUCT FACTS

Made with:

NOVODUR® Ultra 4115

Key properties

Heat resistance

Impact strength

Flowability

Novodur Ultra 4115 for interior parts: Ultra 4115 is a lightweight solution and alternative to PC/ABS with enhanced properties like better flowability, good stiffness and thermoresistance. It is frequently applied in interior parts like tailgates in the automotive industry.

Overview

STYROLUTION
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Ski hedge opening

PRODUCT FACTS

Made with:

Terblend® N NG-02 EF

Key properties

Chemical resistance

Dimensional stability

Flowability

Reinforcement

Ski hedge opening: One of the few Styrolution grades reinforced with glass fiber for structural and mechanical properties, Terblend N NG-02EF is applied predominately in structural parts like motorcyle fairings and truck cabin parts. This ABS/PA blend focuses on function with enhanced dimension and UV stability, high rigidity and high flowability.

Overview

STYROLUTION
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Terblend N3158 for painted fenders

PRODUCT FACTS

Made with:

Terblend® N 3158

Key properties

Chemical resistance

Heat resistance

Dimensional stability

Rigidity

Terblend N3158 for painted fenders: Terblend N3158 is mainly used in the automotive industry, in particular for online painted body panels and fenders.

Overview

All-in-One inkjet printer

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Flowability

Self colorability

Brother Inkjet Printer: The high-gloss surface of the Brother All-in-One Inkjet MFC-J4510DW printer can be attributed to Styrolution grades Terluran GP35 and PS 576H. The combined properties of high-quality surface, flowability and excellent colorability gave Brother the best material solution and design capabilities.

Overview

STYROLUTION
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An economic laser beam printer

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Flowability

Self colorability

Kyocera Ecosys Printer: The Kyocera ECOSYS FS 4300 DN has a long-life technology and design to reduce energy use, costs and impact on the environment. Styrolution grade Terluran GP-35 was selected to create the housing based on its durability, piano-black color effects, high-gloss surface, efficient processing and good flow properties.

Overview

Kyocera laser beam printer

PRODUCT FACTS

Made with:

HIPS PS 495N

Key properties

High gloss

Kyocera TASKalfa Printer: The Kyocera LBP laser beam printer TASKalfa 5550 ci contains two Styrolution grades: PS 495N, Novodur P2H-AT. Properties: High flow, high gloss with anti-statics additives.

Overview

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Illuminating R&D innovations

PRODUCT FACTS

Made with:

NAS® BX6801

Key properties

Flowability

Transparency

Polyoptics light guide: An example of collaborative innovation, Polyoptics used Styrolution's NAS BX6801 in a R&D project to construct a light guide tool with a laser machined surface. Offering good photometric properties such as light control, light distribution and light transmission, coupled with good flow properties and lower mold temperatures (allowing for shorter cycle times), NAS BX6801 was the perfect material to enable this new technology.

Overview

Solid sesign and impressive properties

PRODUCT FACTS

Made with:

Novodur® P2H-AT

Key properties

Heat resistance

Impact strength

Flowability

BTicino door phone: Working to create a stable, solid and weather resistance application, BTicino turned to Styrolution's Novodur P2H-AT for use in its door phone. In addition to offering excellent surface quality, good UV resistance and antistatic properties, Novodur P2H-AT also provides good flow properties and tailored stiffness. Given its impressive combination of properties, P2H-AT is a trusted material for the reduction of scrap rates.

Overview

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Supporting Power with Strength

PRODUCT FACTS

Made with:

Luran® 378P

Novodur® P2H-AT

Key properties

Chemical resistance

Dimensional stability

Accuma stationary batteries: To address the needs of excellent chemical resistance and high stiffness, Accuma selected Styrolution's Luran 378P and Novodur P2H-AT for its lead acid stationary battery. Used in the case of the battery, Luran provides brilliant transparency and superior mechanical resistance compared to other SAN, while Novodur offers the dimensional stability and strength necessary for the battery's top cover.

Overview

STYROLUTION
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Combining Energy and Strength

PRODUCT FACTS

Made with:

Luran® 378P

Novodur® P3H-AT

Key properties

Chemical resistance

Dimensional stability

SERI stationary batteries: SERI combined two Styrolution materials for the development of its stationary batteries: Luran 378P and Novodur P3H-AT. With both materials offering excellent chemical resistance and high stiffness, Luran was chosen for use in the battery case due to its brilliant transparency, while Novodur P3H-AT was an ideal choice for the top cover given its dimensional stability and strength.

Overview

Antenna housings

PRODUCT FACTS

Made with:

Luran® S KR 2858 G3

Key properties

Flowability
UV resistance
Chemical resistance
Reinforcement

Antenna housings: Optimized for electronic antenna housings, Luran S KR2858 G3 offers key benefits like superior weatherability and stiffness as well as low processing temperatures, low specific gravity and low moisture absorption. Its balance of durability and aesthetics makes it an ideal solution for mobile phones, computers, printers and home entertainment devices.

Overview

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High voltage plugs

PRODUCT FACTS

Made with:

Terblend® N NM-11

Key properties

Chemical resistance
Impact strength
Flowability

High voltage plugs: A pre-colored material with superior impact and chemical resistance, Terblend N NM-11 is perfectly suited for high voltage plugs used in the building and construction industry. It offers customizable color aesthetics to match surrounding materials and resists moisture, chemicals and all kinds of daily abuse.

Overview

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Housings

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Flowability

Self colorability

Housings: Optimally designed for application in toys and electronic housings, Terluran GP-35 offers key benefits like global availability, easy flow, exact color customization, good ductility, low moisture absorption and a low processing temperature. It can be found in a variety of toys and end products like computers and home entertainment devices.

Overview

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Shaver housings

PRODUCT FACTS

Made with:

Terblend® N 3154

Key properties

Chemical resistance

Flowability

Dimensional stability

Reinforcement

Shaver housings: Terblend N3154 is optimized for shaver housings and the electrical and electronics industry. It is designed to lock out water and oils, such as shaving cream, while upholding stability and premium aesthetics through exact customer color customization.

Overview

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High impact power tools

PRODUCT FACTS

Made with:

Novodur® 650

Key properties

Impact strength

Flowability

High gloss

Power tools: Novodur® 650 is the smart choice for power tool manufacturers looking to downgrade material from PC/ABS. With high impact strength and excellent surface gloss, Novodur 650 supports quality product applications and customer success.

Overview

Interior plastic parts for OA devices

PRODUCT FACTS

Made with:

Terluran® GP-22 G4

Terluran® KR2152 G4

Key properties

Dimensional stability

Rigidity

Printer chassis: Glass fiber reinforced ABS grades from Styrolution deliver one of the most important requirements for printer applications – one-of-a-kind dimensional and heat stability in the printer chassis. Specialty grade Terluran KR2152 G4 also provides excellent impact performance and chemical resistance to lubricants used in internal printer components.

Overview

Panel solution for LCD TVs & monitors

PRODUCT FACTS

Made with:

GPPS PS 168N

Key properties

Heat resistance

Dimensional stability

Transparency

LCD light diffusion panel: LCD manufacturers rely on the excellent transparency, high heat resistance and processability of Styrolution PS 168N to create light diffusion panels. Combined with other styrenic polymers, Styrolution delivers complete plastic solutions for LCD TV and monitor applications, including TV frames, housings, panels, standing necks and more.

Overview

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A high quality coffee machine

PRODUCT FACTS

Made with:

Luran® S 757G

Key properties

Chemical resistance
UV resistance
Flowability

Miele Coffee Machine: The top-of-the-line CM 6 Series coffee machine from Miele relies on Styrolution specialty grade Luran S 757G for covers that feature a high-value surface gloss, resistance to chemicals and UV light. Further, Luran SC2867 CWU grants superior flame retardancy to the inner parts of the machine.

Overview

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Hansgrohe SE Raindance Showerheads

PRODUCT FACTS

Made with:

Novodur® P2MC

Key properties

Flowability

Electroplating

Hansgrohe SE Shower Head Raindance : Styrolution's electroplating grade Novodur P2MC provides the high surface quality, adhesion, dimensional stability and heat resistance needed to create the premium Raindance Select Showerhead by Hansgrohe SE, which is known for its AIR-injection technology and no-clog spray channels.

Overview

STYROLUTION
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A kitchen robot that does it all

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Self colorability

Flowability

Moulinex Robot Masterchef 2000: Grate, dice, chop, mince or mix – the colorful Masterchef 2000 food processor from Moulinex does it all. Styrolution Terluran GP-35 gives the kitchen robot its high-end retro design at an economic price. This high-flow injection molding grade also provides the perfect combination of leak tightness and impact resistance.

Overview

STYROLUTION
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Mucell technology meets high-hloss surface

PRODUCT FACTS

Made with:

Luran® S 757G

Key properties

Chemical resistance
UV resistance
Flowability

Trexel Leightweight MuCell injection molding: Trexel referred Kraus Maffei to Styrolution to create a high-gloss surface using its MuCell injection molding technology, which generates lighter weight materials through foaming. Backed by a proven track record with the technology, Styrolution chose Luran S 757G for its optimal color fastness to the part and resistance to discoloration - even after long exposure to sunlight.

Overview

Vacuum cleaning made colorful

PRODUCT FACTS

Made with:

Novodur® P2H-AT

Key properties

Heat resistance

Impact strength

Flowability

Kärcher Water Vacuum Cleaner: To manufacture the housing of its water filter vacuum cleaner with a highly aesthetic and colorful surface appearance, Kärcher used Styrolution grade Novodur P2H-AT for its color stability, mechanical property retention and processability. Kärcher took advantage of Styrolution's color service for color matching and fast and precise customization.

Overview

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Refreshing Design for Water Dispenser

PRODUCT FACTS

Made with:

Novodur® P2H-AT

Key properties

High gloss
Impact strength
Flowability

Kärcher WPD200 water dispenser: Seeking to design a sleek, glossy and functional water dispenser, Kärcher turned to Styrolution's specialty ABS, Novodur. Used to replace metal parts in the dispenser, Novodur creates an eye-catching high-gloss surface that complements the aesthetics of customers' kitchens. As an easy to process material, it also enables the seamless integration of buttons for cooled, chilled, hot or sparkling water into the product's design.

Overview

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Innovative Material for Custom Products

PRODUCT FACTS

Made with:

NAS® 30

Key properties

Transparency

Flowability

GIZEH Premium Beaker: For its premium beaker, GIZEH needed a material that offered glass-clear transparency, excellent surface appearance, easy processability and approval for food contact – making NAS a perfect solution. Not only does NAS provide the necessary characteristics, it also creates an ideal surface for the application of GIZEH's new digital printing process, allowing for the creation of high quality and customized beakers.

Overview

The ideal non-glass shot glass

PRODUCT FACTS

Made with:

NAS® 30

Key properties

Transparency

Flowability

Styrolution glass shots: To create a shot glass that has the look - but not the weight or price - of glass, Styrolution employs specialty grade NAS 30. This strong, stiff, water-clear SMMA polymer equals the look of glass and acrylics, but with much lower utility costs due to lower processing temperatures, lower weight due to less density and higher productivity and due to better flow ability.

Overview

Refrigerator drawers

PRODUCT FACTS

Made with:

GPPS PS 165N/L

Key properties

Heat resistance

Transparency

Refrigerator drawers: Characterized by good melt flow and high molecular weight, Styrolution PS 165 is a general-purpose polystyrene grade commonly applied in refrigerator drawers in the household industry.

Overview

Water filters

PRODUCT FACTS

Made with:

NAS® 30

Key properties

Transparency

Flowability

Water filters: Delivering excellent transparency and surface quality, NAS 30 is the ideal material to produce high quality water filters at optimized costs. Its color ability and excellent haptics make this grade an optimal solution.

Overview

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Food storage devices

PRODUCT FACTS

Made with:

NAS® 21

Key properties

Transparency

Food storage devices: Used for food storage devices and food boxes, NAS 21 is a high-quality copolymer applied in products that demand excellent transparency and processing characteristics. It is food contact certified and performs better than glass in the dish-washer, with a surface stability that won't turn foggy.

Overview

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Fridge handles

PRODUCT FACTS

Made with:

Terblend® N NM-12

Key properties

Chemical resistance
Impact strength
Flow ability
Low gloss

Fridge handles: Terblend N NM-12 is optimized for product handles in the household industry. Bringing stability and impact toughness to the most commonly used part of the product, this ABS/PA blend also delivers a matte surface for premium aesthetics.

Overview

STYROLUTION
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Fridge inliners

PRODUCT FACTS

Made with:

HIPS PS ESCRimo

Key properties

Low gloss

Fridge inliners: A high-impact polystyrene grade with superior environmental stress crack resistance (ESCR) compared to conventional high-impact polystyrene, HIPS PS ESCRimo is an optimal solution for refrigerator in-liners and the packaging industry. It features excellent thermoformability and very low permeability to aromas and gases.

Overview

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Fridge internal injection molded parts

PRODUCT FACTS

Made with:

HIPS PS 454N

Key properties

High gloss

Dimensional stability

Fridge internal injection molded parts: Suited for internal injection-molded parts like bottle racks and egg trays used in refrigerators and the household industry, Styrolution PS 454 is a high-impact grade with a good balance of toughness, high flow, heat resistance and high gloss.

Overview

Kitchen robot

PRODUCT FACTS

Made with:

Luran® 388S

Key properties

Transparency

Kitchen robot: A go-to solution for the household industry, Luran 388S features superior chemical resistance and highest mechanical strength for use in products like storage boxes, battery housings and kitchen robots. Its transparency and chemical resistance are critical for products that handle food and house batteries.

Overview

STYROLUTION
Driving Success. Together.

Toaster

PRODUCT FACTS

Made with:

Novodur® P3H-AT

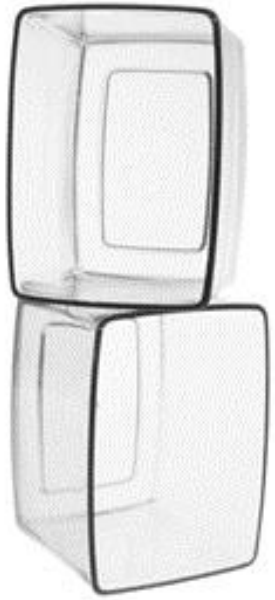
Key properties

Heat resistance
Chemical resistance
Impact strength

Toaster: Novodur P3H-AT is enhanced to meet the wide range of requirements for household appliances like mixers and washing machines. It provides outstanding chemical resistance to combat the oils and fatty agents in the kitchen and laundry room, preventing cracking and splitting. In addition to durability, it delivers premium aesthetic surfaces for high-end appliances.

Overview

Transparent Jars and Glasses



PRODUCT FACTS

Made with:

NAS® 90

Key properties

Transparency

Transparent Jars and Glasses: NAS 90 is mainly used in the Household industry, in particular for transparent jars and glasses. Products which do not involve plastics are a rarity in modern households. The household electrical equipment sector imposes a particularly wide variety of requirements on the material used.

Overview

STYROLUTION
Driving Success. Together.

The right blend of clarity and strength

PRODUCT FACTS

Made with:

Luran® SAN C

Key properties

UV resistance

High gloss

Transparency

Extrusion

Blender jars: Formulated to meet food contact regulations and widely used in blender jar applications, Luran SAN C is a transparent injection molding grade characterized by high surface gloss, high flow, good rigidity and chemical resistance.

Overview

STYROLUTION
Driving Success. Together.

Stable, resistant refrigerator liners

PRODUCT FACTS

Made with:

Novodur® 595CP

Key properties

Chemical resistance

Impact strenght

Extrusion

Refrigerator inner liner: Optimized for refrigerator applications, particularly deep inner liners, Novodur 595CP is an extrusion grade with improved thermal cycling performance, excellent thermoforming properties, dimensional stability, creep resistance and chemical resistance to cycopentane blowing agent. It is ideal for both extruded parts and sheet applications.

Overview

STYROLUTION
Driving Success. Together.

High performance vacuum cleaners

PRODUCT FACTS

Made with:

Terluran ® GP-22

Key properties

Self colorability

Vacuum cleaner: Customized for household appliances such as vacuum cleaners, Terluran GP-22 is a high-impact, high-gloss, general-purpose injection molding grade with resistance to heat distortion. Other key benefits include easy coloring due to its consistent natural color and lower density for reduced resin costs.

Overview

STYROLUTION
Driving Success. Together.

Heat- and impact-resistant appliances

PRODUCT FACTS

Made with:

Terluran ® GP-22

Key properties

Self colorability

Microwave oven: Highly resistant to impact and heat distortion, Terluran GP-22 is a high-gloss, general-purpose injection molding grade ideally suited for household appliances. Commonly applied in microwave ovens, GP-22 provides key benefits like excellent colorability due to its consistent natural color and lower density for reduced resin costs.

Overview

STYROLUTION
Driving Success. Together.

Strong and sleek air conditioners

PRODUCT FACTS

Made with:

HIPS PS 576H

Key properties

Dimensional stability

High gloss

HIPS 576H for air conditioners: A favorite for air conditioner manufacturers, Styrolution PS 576H enables a glossy exterior design aesthetic and required mechanical properties like high impact strength and strong heat resistance.

Overview

STYROLUTION
Driving Success. Together.

HIPS PS 495 for air conditioners

PRODUCT FACTS

Made with:

HIPS PS 495N

Key properties

High gloss

HIPS PS 495 for air conditioners: With high quality aesthetics and resistance to temperature changes, HIPS PS495 is ideal for use in air conditioners and the household industry. Its balance of flow ability, toughness and high-gloss surface make it a high-quality, cost-effective solution.

Overview

STYROLUTION
Driving Success. Together.

Long lasting air purifiers

PRODUCT FACTS

Made with:

HIPS PS 476L

Key properties

Impact strength

Dimensional stability

Air purifier: Widely used in air purifiers, Styrolution PS 476L is characterized by its balanced mechanical properties. It delivers very high impact strength together with easy processability and short cycle times.

Overview

STYROLUTION
Driving Success. Together.

High-gloss household appliances

PRODUCT FACTS

Made with:

Novodur® P2H-AT

Key properties

Heat resistance

Impact strength

Flowability

Washing machine: Designed primarily for washing machines and household appliances, Novodur P2H-AT is a high gloss material known for its flowability, stiffness, easy processability and short cycle time.

Overview

Garment hangers

PRODUCT FACTS

Made with:

Styrolux® 656C

Key properties

Impact strength

Transparency

Flowability

Garment hangers: Tailored for the injection molding of rigid, tough parts requiring the highest level of clarity and surface gloss, Styrolux 6565C is the customer choice for producing garment hangers. It also provides excellent hinge properties and can be gamma sterilized.

Overview

Stress-crack resistant refrigerators

PRODUCT FACTS

Made with:

HIPS PS 2710

Key properties

Chemical resistance

Low gloss

Refrigerator: Enhanced for extrusion and thermoforming applications, Styrolution PS 2710 is a high impact grade of polystyrene with improved environmental stress cracking resistance, making it ideal for refrigerators.

Overview

STYROLUTION
Driving Success. Together.

Solar roof tiles that blend and perform

PRODUCT FACTS

Made with:

Luran® S 797S

Key properties

Chemical resistance
UV resistance
Impact strength
Dimensional stability

Wegaplast Solar Roof Tiles: The incredible aesthetic qualities of Luran S 797S were decisive in the creation of Wegalux – a thermoplastic tile containing a photovoltaic cell that blends harmoniously with terracotta roofs. The pre-colored solution saved Wegaplast both in time and costs while the strong UV stability prevents aging and yellowing.

Overview

STYROLUTION
Driving Success. Together.

Showering innovation

PRODUCT FACTS

Made with:

Luran® 348Q

Key properties

Transparency

Chemical resistance

Maspi co-injection molded shower tray: Bringing aesthetics, durability and function to the shower, Maspi partnered with Styrolution to produce, in co-injection molding, shower trays made out of Luran 348Q. Used in the flooring of showers, Luran is an ideal solution due to its excellent chemical and water resistance. Capable of being colored to match the design needs of applications, the white-colored Luran grade is used in both the inside and outside of the shower tray.

Overview

STYROLUTION
Driving Success. Together.

High gloss technology for durable gutters

PRODUCT FACTS

Made with:

Luran® S 767KE

Key properties

Chemical resistance

UV resistance

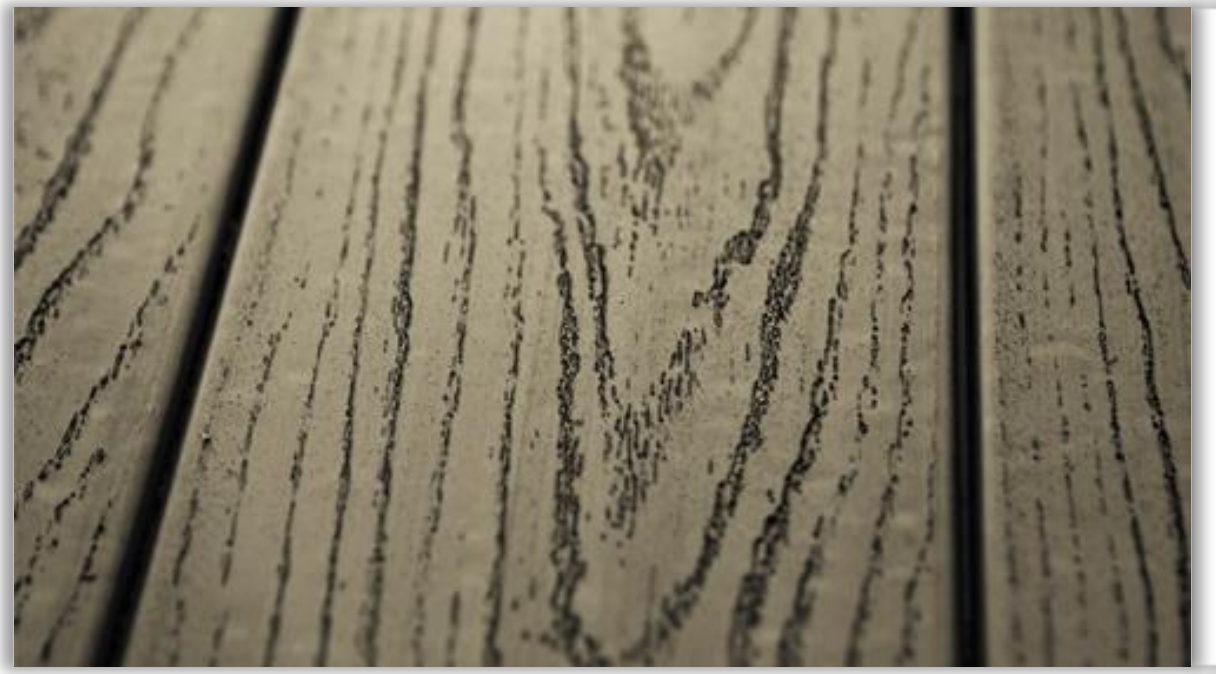
High gloss

Plastmo Gutter Systems: By using Luran S 767KE, Styrolution created a new technology to enhance Plastmo's gutter systems. The outcome: a clear and even surface, dimensional stability and protection against color fading for a long-life gutter system that withstands all weather conditions with a high gloss appearance.

Overview

STYROLUTION
Driving Success. Together.

Deck flooring that lasts a lifetime



PRODUCT FACTS

Made with:

Luran® S Q440

Key properties

UV resistance

Low gloss

Dimensional stability

Genova Decking System: Genova created the Genovations® chestnut deck system - a deck flooring with enhanced surface appearance that will never warp, rot, crack, splinter or stain - using Stryolution grade Luran S Q440 for its excellent weather ability, dimensional stability and low-gloss surface. Like all Genova building products, Genovations® has a lifetime warranty.

Overview

STYROLUTION
Driving Success. Together.

Alta Plastic siding

PRODUCT FACTS

Made with:

Luran® S 767KE

Key properties

Chemical resistance
UV resistance
High gloss

Alta Plastic siding Dark-colored siding tends to absorb more heat, fading quickly in appearance and mechanical properties. Alta Plastic turned to Styrolution, the leader in ASA, to provide a solution with Luran S 767KE. Its superior weather ability, UV fastness, glossy surface, and compatibility with PVC deliver premium siding with bright, stable colors and highest performance.

Overview

STYROLUTION
Driving Success. Together.

Air ventilation housings

PRODUCT FACTS

Made with:

HIPS PS 641F

Key properties

Heatl resistance

Impact strength

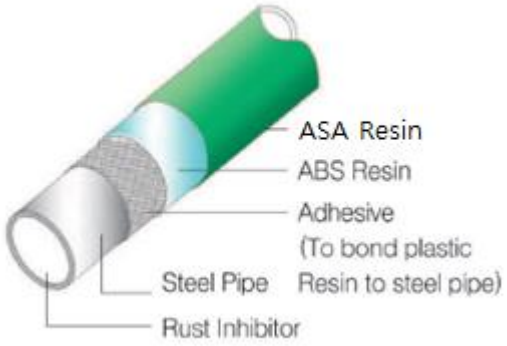
Dimensional stability

Air ventilation housings: Customized particularly for air ventilation housings and the construction industry, HIPS PS 641F is distinguished by its rigidity and stiffness, enabling a large housing that does not bend. Its glossy surface aesthetics also require less maintenance, preventing moisture absorption, rotting and the need for repainting.

Overview

STYROLUTION
Driving Success. Together.

Color, protection and strength



PRODUCT FACTS

Made with:

Luran® S 757RE

Terluran® EGP-7

Key properties

Chemical resistance

Self colorability

G.S. ACE Pipe rack: The G.S. ACE Pipe rack system D-COAT uses ABS grade Terluran EGP-7, which coats the steel pipe, and the new ASA material, Luran S 757RE, which can be found on the surface. Both very robust materials prevent cracks and discoloration from salinity, rust preventative and cutting oils. Additionally, easy colorability of Terluran and long-time color fastness of Luran S made these grades ideal choices for this application.

Overview

STYROLUTION
Driving Success. Together.

Coextrusion decking

PRODUCT FACTS

Made with:

Luran® S 776S (E)

Key properties

Chemical resistance

UV resistance

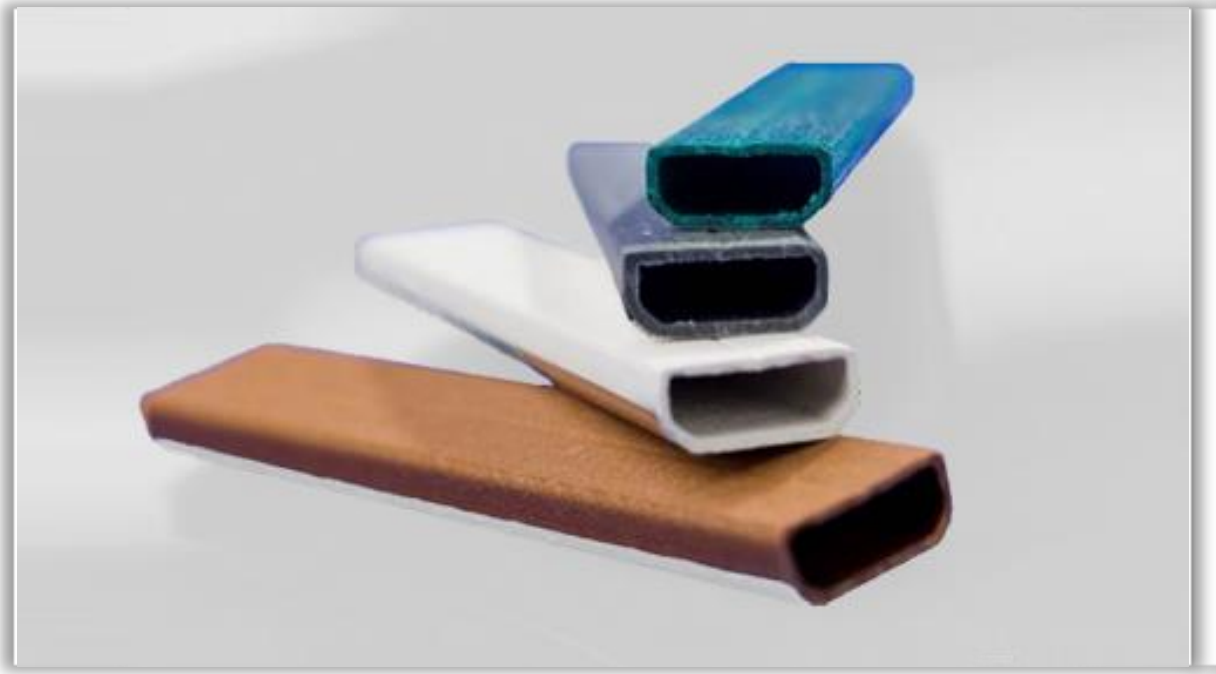
Impact strength

Coextrusion decking: A customized solution for the building and construction industry, Luran S 776S (E) gives outdoor decks an enhanced surface appearance that will never warp, rot, crack, splinter or absorb moisture. It creates a low-maintenance, weather-resistant, matte material that customers never have to repaint.

Overview

STYROLUTION
Driving Success. Together.

Window frames, structural parts



PRODUCT FACTS

Made with:

Luran® 378P G7

Key properties

Chemical resistance

Dimensional stability

Rigidity

Window frames, structural parts: Customized for window frames and structural parts in the building and construction industry, Luran 378P G7 offers a clear advantage to metal plastic combinations and structual parts of this kind. It features best-in-class weatherability, thermal insulation and thus improves energy efficiency. It can also be produced to customer's exact color specifications.

Overview

STYROLUTION
Driving Success. Together.

GPPS PS 153F for insulation panels

PRODUCT FACTS

Made with:

GPPS PS 153F

Key properties

Heat resistance

Transparency

GPPS PS 153F for insulation panels: Developed for XPS and insulation panels used in the packaging industry, GPPS PS 153F is a general-purpose polystyrene grade with high heat resistance and good flow properties. Matching the requirements for big panel extrusion, it is foamable with contained cells, so it doesn't collapse or lose its rigidity once formed as a panel.

Overview

STYROLUTION
Driving Success. Together.

GPPS PS 156F for insulation panels

PRODUCT FACTS

Made with:

GPPS PS 156F

Key properties

Heat resistance

Transparency

Flowability

GPPS PS 156F for insulation panels: A general-purpose polystyrene grade with excellent flow ability for creating XPS and insulation panels used in the packaging industry, GPPS PS 156F is foamable with contained cells, so it doesn't collapse or lose its rigidity once formed as panel. It also characterized by high heat resistance and low permeability to aromas and gases.

Overview

STYROLUTION
Driving Success. Together.

Thermoformed sheet

PRODUCT FACTS

Made with:

Terluran® HI-10

Key properties

Impact strength
Low temperature toughness
Extrusion
Self colorability

Thermoformed sheet: A high-impact extrusion grade, Terluran HI-10 is designed for household applications such as sanitary appliances and furniture edge bands. Its high-impact resistance protects surfaces and edges while its enhanced flexibility prevents stress cracking and whitening when bent.

Overview

STYROLUTION
Driving Success. Together.

Toilet seats

PRODUCT FACTS

Made with:

Luran® 378P

Key properties

Chemical resistance

Dimensional stability

Toilet seats: With enhanced chemical resistance and highest mechanical strength, Luran 378P is an easy flow specialty grade best applied in toilet seats and the household industry. It is resistant to cleaning products and endures heavy use without cracking.

Overview

STYROLUTION
Driving Success. Together.

Dry powder inhaler design

PRODUCT FACTS

Made with:

Novodur® HD M203FC

Key properties

Impact strength

Heat resistance

Medical packages

GSK Inhaler: One of the most successful dry powder inhalers on the market, the GSK DiskusTM multi-dose inhaler uses Novodur HD M203FC. Its dimensional stability allows for the accurate interplay of internal parts and the pre-coloured material enables a high-quality surface feel and easy visual identification of the drug products delivered by the device.

Overview

STYROLUTION
Driving Success. Together.

Multi-layer medical tubes

PRODUCT FACTS

Made with:

Styroflex® 2G 66

Key properties

Impact strength
Flowability
Transparency

Raumedic Tubes: Raumedic created multi-layer medical tubes from Styroflex 2G66 and “olefinic polymers” as an economic, plasticizer-free alternative to currently used materials. In addition to excellent transparency, low yellowness index, high tear and perforation resistance, and good processability, there is no risk of migration of plasticizers.

Overview

Healthcare

STYROLUTION
Driving Success. Together.

Ambu® aScope™ 2

PRODUCT FACTS

Made with:

Terlux® HD 2822

Key properties

Transparency
Impact strength
Chemical resistance
Medical packages

Ambu® aScope™ 2, intubation device: With its outstanding surface quality, high-gloss appearance and resistance to scratches, chemicals and environmental stress cracking (ESCR), Terlux HD proved the right grade to create the Ambu intubation device.

Overview

STYROLUTION
Driving Success. Together.

EZ and safe medical instruments

PRODUCT FACTS

Made with:

Terlux® HD 2822

Key properties

Transparency
Impact strength
Chemical resistance
Medical packages

Hakko Medical EZ Trocar: EZ Trocar is a medical device with plastic blade at the edge. Through its hollow cylinder body, surgical instruments are introduced into chest cavity, abdominal cavity and body access port, which enables low invasive operation. Hakko Medical selected Terlux HD 2822 that offers excellent transparency, chemical resistance, impact strength, stiffness and adherence to medical industry requirements.

Overview

STYROLUTION
Driving Success. Together.

Soma Access Systems - AxoTrack

PRODUCT FACTS

Made with:

Zylar®

Key properties

Transparency

Impact strength

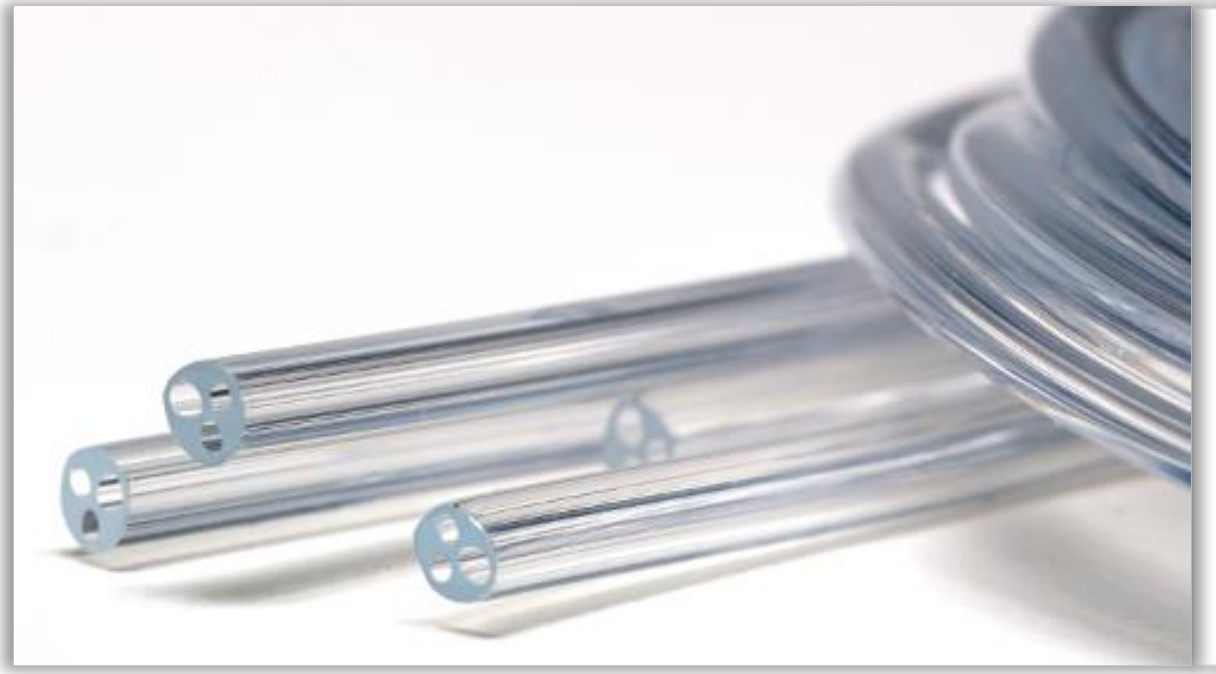
Chemical resistance

Soma Access Systems - AxoTrack: AxoTrack is virtual needle technology that provides real-time needle tracking throughout the entire procedure. In order to encase and stabilize this needle, a casing was developed from Zylar, whose clarity enables visibility of the internal mechanism of the system. Another key feature of Zylar is its durability and ability to withstand the pressure of use.

Overview

STYROLUTION
Driving Success. Together.

Microspec multilumen tubes



PRODUCT FACTS

Made with:

Styroflex® 2G 66

Key properties

Impact strength
Flowability
Transparency

Microspec multilumen tubes: Microspec extrude advanced medical tubing with complex shapes and many lumens. Within one tube, the lumens may vary in shape, size, number, symmetry, diameter among other physical attributes. In addition to excellent transparency, low yellowness index, high tear resistance, good process ability, and low drug adsorption, they also reduce risk of plasticizer or other substance migration.

Overview

STYROLUTION
Driving Success. Together.

B. Braun infusion set

PRODUCT FACTS

Made with:

Terlux® HD

Key properties

Transparency
Impact Strength
Chemical Resistance
Medical Packages

B. Braun Intrafix® SafeSet: Terlux HD, known for its transparency, chemical resistance and high-impact strength, is used to make B. Braun's infusion set. Building on a 20-year partnership, Styrolution and B. Braun created best-in-class transparency for medical staff to easily monitor whether liquids flow correctly through the device.

Overview

STYROLUTION
Driving Success. Together.

Best-in-class needle holder

PRODUCT FACTS

Made with:

Terlux® HD

Key properties

Transparency
Impact Strength
Chemical Resistance
Medical Packages

B. Braun Introcan: Terlux HD, known for its transparency, chemical resistance and high-impact strength, is used to make B. Braun's Introcan. Building on a 20-year partnership, Styrolution and B. Braun created a best-in-class transparency for medical staff.

Overview

STYROLUTION
Driving Success. Together.

Best-in-class Mini-Spike

PRODUCT FACTS

Made with:

Luran® HD

Key properties

Transparency

Medical Packages

B.Braun Mini-Spike: Luran HD, known for its transparency and chemical resistance, is used to make B. Braun's Mini Spike. Building on a 20-year partnership, Styrolution and B. Braun created a best-in-class transparency for medical staff.

Overview

STYROLUTION
Driving Success. Together.

Material innovation for medical tubes

PRODUCT FACTS

Made with:

Styroflex® 2G 66

Key properties

Impact strength

Flowability

Low density

Microspec colored multilumen tubes: Microspec chose Styroflex 2G66 for the development of its medical tubes consisting of lumens in varying shapes, diameters and sizes. Used as a stabilization unit that can be filled with materials, the tubes called for a unique combination of properties including excellent flowability, reduced risk of plasticizer migration, low drug absorption and excellent bonding with other polymers – all of which Styroflex delivered.

Overview

Healthcare

STYROLUTION
Driving Success. Together.

Breathing performance and strength

PRODUCT FACTS

Made with:

Terlux® HD

Novodur® HD

Key properties

Chemical resistance

Impact strength

Transparency

Medical packages

TEVA Spiromax: Helping patients breathe easier, TEVA uses Styrolution's Novodur HD and Terlux HD in its Spiromax dry powder inhaler. Novodur is used in the case due to its dimensional stability and heat resistance, while transparent Terlux is found in the mouthpiece. The chemical resistance and impact strength of these solutions ensures accurate and consistent dosing, as well as an excellent lung deposition even at low inspiratory flow rates.

Overview

STYROLUTION
Driving Success. Together.

Advancing discrete testing

PRODUCT FACTS

Made with:

Novodur® HD

Key properties

Impact strength

Heat resistance

Medical packages

Delphi Bioscience Vaginal HPV Sampler: Seeking an easy to use material with desirable haptics, Helvoet chose Novodur HD for the blue handle of the Vaginal HPV Sampler from Delphi Bioscience, a medical device for the discrete collection of vaginal samples for the testing of various diseases, including cervical cancer. Its good chemical and environmental stress cracking resistance, as well as its outstanding surface quality made Novodur an ideal solution.

Overview

STYROLUTION
Driving Success. Together.

Clear labware quality

PRODUCT FACTS

Made with:

GPPS PS 158N/L

Key properties

Heat resistance

Transparency

Greiner Bio-One Labware: Greiner Bio-One trusts Styrolution grade PS 158 N to create labware like bottles for the generation of lab cultures, petri dishes and micro titter plates filled by robots. PS 158N delivers best-in-class purity, transparency and the right optical properties to allow automated measuring using color-induced chemical reactions.

Overview

STYROLUTION
Driving Success. Together.

Transparent medical humidifiers

PRODUCT FACTS

Made with:

Terlux® HD 2822

Key properties

Transparency
Impact strength
Chemical resistance
Medical packages

Gründler Medical Humidifier: Gründler chose Styrolution Terlux HD 2822 for its HumiCare® range of medical humidifiers, which are designed to save hospital patients from the dry mouth side effect of using artificial respiration devices. The Styrolution product grades offer a unique combination of properties, such as impact and chemical resistance.

Overview

STYROLUTION
Driving Success. Together.

Luran HD-20 for medical housings

PRODUCT FACTS

Made with:

Luran® HD-20

Key properties

Transparency

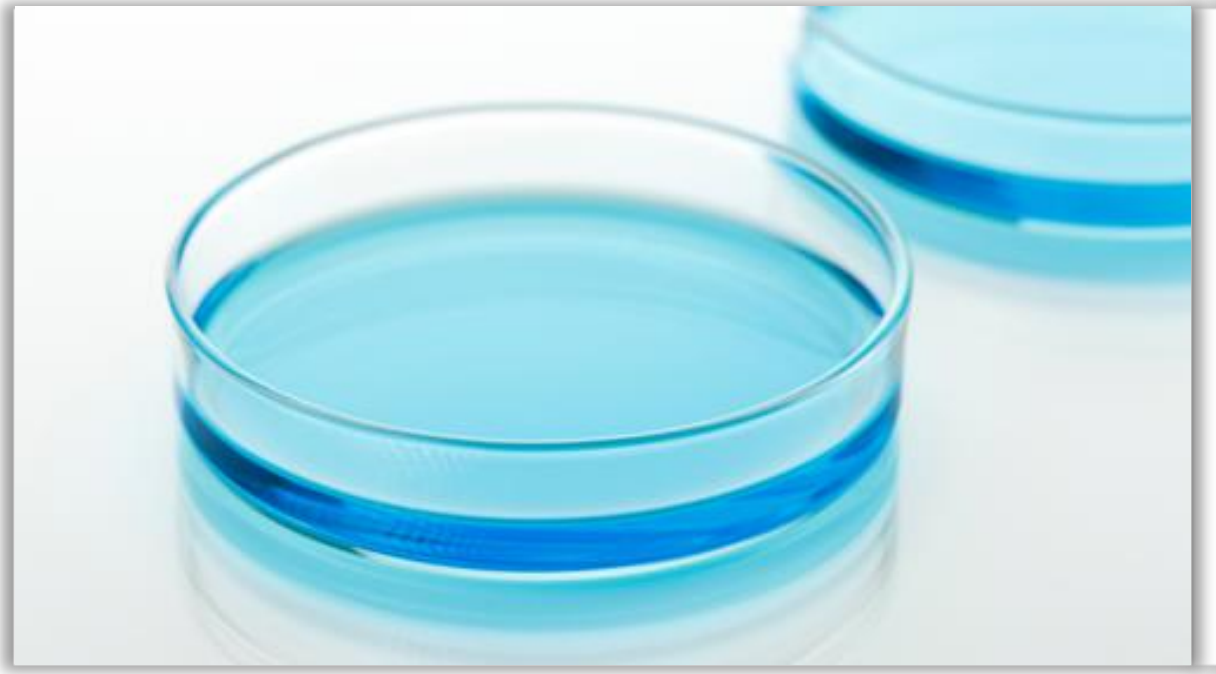
Medical packages

Luran HD-20 for medical housings: Luran HD-20 is mainly used in the Healthcare & Diagnostic industry, in particular in those applications such as sample holders, inhalator housings and vakuum vials. Manufacturers of medical technology must comply with strict national/international regulations, and cope with the high development costs that result from that. Customers benefit from our in-depth industry expertise and high-performance products.

Overview

STYROLUTION
Driving Success. Together.

Petri dishes



PRODUCT FACTS

Made with:

GPPS PS 124N/L

Key properties

Heat resistance
Flowability
Transparency

Petri dishes: Delivering crystal clear clarity that can be viewed at every angle, GPPS PS124N/L is applied primarily for petri dishes in the healthcare and diagnostic industry. Its clarity and superior heat resistance make it an optimal, sterilizable solution. A high-performance grade, it complies with strict national and international regulations.

Overview

STYROLUTION
Driving Success. Together.

Zylar 960 for medical housings

PRODUCT FACTS

Made with:

Zylar® 960

Key properties

Transparency
Impact strength
Flowability

Zylar 960 for medical housings: Zylar 960 is an impact-modified styrene acrylic copolymer that provides toughness, transparency and superior processing characteristics for demanding injection molding applications. Adhering to the highest medical standards, it is enhanced for medical devices, infusion chambers and reusable drinkware used in the healthcare and diagnostics industry.

Overview

STYROLUTION
Driving Success. Together.

Spike

PRODUCT FACTS

Made with:

Novodur® HD M205FC

Key properties

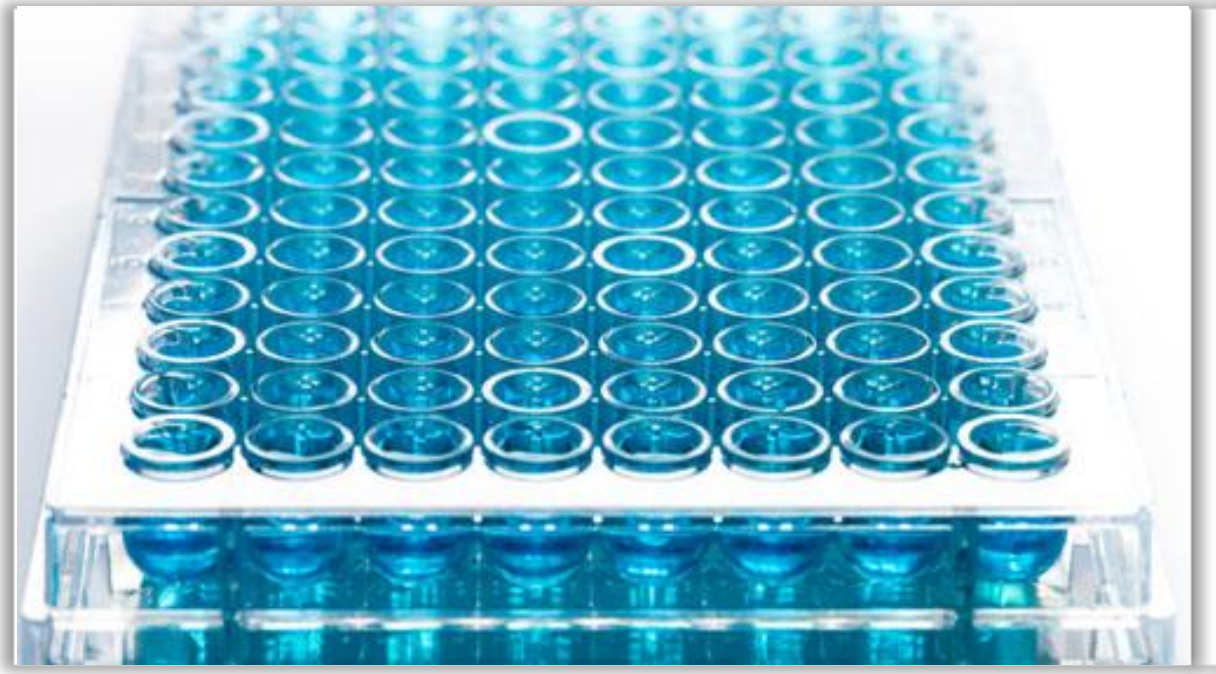
Impact strength
Heat resistance
Flowability
Medical packages

Spike: As an essential part of an infusion set, spikes require multiple variations in design and a plastic material like Novodur M205FC that provides excellent flowability, high stiffness and good chemical resistance to withstand various types of infusion fluids. Styrolution's ABS solution complies with biocompatibility requirements and meets the special needs of the medical industry.

Overview

STYROLUTION
Driving Success. Together.

Microtiter plate



PRODUCT FACTS

Made with:

GPPS PS 158N/L

Key properties

Heat resistance

Transparency

Microtiter plate: Delivering crystal clear clarity that can be viewed at every angle, GPPS PS158N/L is applied primarily for medical labware. Its clarity and superior heat resistance make it an optimal, sterilizable solution. A high-performance grade, it complies with strict national and international regulations.

Overview

STYROLUTION
Driving Success. Together.

Medical labware

PRODUCT FACTS

Made with:

GPPS PS 116N/L

Key properties

Flowability

Transparency

Medical labware: A high flow, general-purpose grade characterized by excellent transparency and very low permeability to chemical agents, GPPS PS 116N/L is used for medical labware in the healthcare and diagnostics industry.

Overview

STYROLUTION
Driving Success. Together.

Shrink sleeves that fit like a second skin

PRODUCT FACTS

Made with:

Styrolux® T

Key properties

Impact strength
Transparency
Low temperatur toughness

Bischof+Klein Shrink Sleeve: Styrolution's TS allowed Bischof+Klein to optimize its formulation for shrink sleeves that wrap like a second skin on bottles and containers. With higher UV resistance, better color fastness and processability, it delivers a cost-effective, visually appealing solution on a highly technical level.

Overview

STYROLUTION
Driving Success. Together.

Crystal clear cosmetic containers

PRODUCT FACTS

Made with:

Luran® 338L

Key properties

Transparency

Hopf Cosmetic Packaging: The eye-catching line of thick-walled cosmetic jars from Hopf can be colored and personalized by various printing techniques with Styrolution's custom grade Luran® 338L. It provides the glass-like transparency, excellent flow ability and color consistency required for Hopf's high-quality aesthetic containers.

Overview

STYROLUTION
Driving Success. Together.

Clear extrusion blow molded canisters

PRODUCT FACTS

Made with:

Zylar® 550

Key properties

Impact strength
Flowability
Transparency

Dienes Canister: Dienes Packaging selected Zylar® 550 to produce innovative, highly transparent canisters. Due to a higher level of clarity, unique flow properties and processing temperatures, Zylar offers cost and material savings over competitive transparent materials. Zylar also enables an integrated handle on any side of the container – by production in a single step.

Overview

STYROLUTION
Driving Success. Together.

Freshness you can see

PRODUCT FACTS

Made with:

Styroflex® 2G66

Key properties

Impact strength

Transparency

Flow ability

Cling film: Combining excellent transparency, brilliance, elasticity and high oxygen and water vapor permeability, Styroflex 2G66 is an ideal packaging material to ensure food stays fresher longer. Suitable for manual and automotive packaging processes, Styroflex can be produced in very thin and resistant films. Additionally, positive memory effects prevent the appearance of fingerprints, helping packages to stay pristine and clear.

Overview

STYROLUTION
Driving Success. Together.

Yoghurt containers

PRODUCT FACTS

Made with:

HIPS PS 486N

Key properties

Dimensional stability

Impact strength

Yoghurt containers: Defined by excellent thermoformability and a matte surface, HIPS PS 486N is a high-impact polystyrene grade used mainly for yogurt containers in the packaging industry. Flavor is preserved due to its low permeability to aroma.

Overview

STYROLUTION
Driving Success. Together.

Food packaging containers

PRODUCT FACTS

Made with:

Styrolux® 3G 46

Key properties

Impact strength
Flowability
Transparency
Extrusion

Food packaging containers: Providing parts with an excellent balance of transparency and toughness, Styrolux 3G 46 is used as a performance modifier for PS, making it more impact resistant while maintaining transparency. Used in food container packaging, it features excellent thermoformability, heat resistance and very low permeability to aromas and gases.

Overview

STYROLUTION
Driving Success. Together.

Vending cups

PRODUCT FACTS

Made with:

GPPS PS 153A

Key properties

Flowability

Transparency

Antistatic coextruded sheet for vending cups: GPPS PS 153A is mainly used in the Packaging industry, in particular for antistatic coextruded sheet for vending cups. Styrolution place high demands on plastic films and sheets. Requirements are high mechanical strength, excellent thermoformability, high heat distortion temperature and very low permeability to aromas and gases.

Overview

Dairy packs

PRODUCT FACTS

Made with:

GPPS PS 124N/L

Key properties

Heat resistance

Flowability

Transparency

Dairy packs: With good flow and heat characteristics, Styrolution PS 124 is the preferred grade for mixing blends with Stryolution PS 486N, known for its excellent thermoformability, to produce dairy packs in a Form-Fill-Seal Process.

Overview

STYROLUTION
Driving Success. Together.

Buttermilk cups

PRODUCT FACTS

Made with:

GPPS PS 165N/L

Key properties

Heat resistance

Transparency

Extrusion

Buttermilk cups: Used in the food packaging industry for liquid containers like those used to store buttermilk, Styrolution PS 165 has a high molecular weight that makes it the preferred blending partner for PS 486 when high mechnical strength is required.

Overview

STYROLUTION
Driving Success. Together.

Foamed sheets for meat packaging

PRODUCT FACTS

Made with:

GPPS PS 168N/L

Key properties

Heat resistance

Transparency

Dimensional stability

Foamed sheets for meat packaging: Used in the food packaging industry for liquid containers like those used to store buttermilk, Styrolution PS 165 has a high molecular weight that makes it the preferred blending partner for PS 486 when high mechnical strength is required.

Overview

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Praline divider boxes

PRODUCT FACTS

Made with:

Styrolux® 3G 55

Key properties

Impact strength
Flowability
Transparency
Low temperature toughness

Praline divider boxes: Customized for inline thermoforming, which enables extrusion and thermoforming in one process, Styrolux 3G55 is a super high-impact grade commonly used in applications like praline divider boxes. It is incredibly economic, as it improves GPPS at very low dosages.

Overview

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Take away containers

PRODUCT FACTS

Made with:

Styrolux® 693D

Key properties

Impact strength
Flowability
Transparency
Low temperature toughness

Take away containers: Typically an impact modifier for GPPS, Styrolux 693D is used in the packaging industry and is known for its high impact properties. This allows for an economic modifier/GPPS ratio.

Overview

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Thermoformed cups

PRODUCT FACTS

Made with:

Styrolux® 684D

Key properties

Transparency
Flowability
Impact strength

Thermoformed cups: A general purpose modifier grade used in the packaging industry, Styrolux 684D is modified for injection moulding and is normally mixed with GPPS to create thermoformed cups that require printing. It improves the adhesion of print onto a cup, such as logos or company branding.

Overview

Cosmetic packaging

PRODUCT FACTS

Made with:

Luran® 348Q

Key properties

Transparency

Cosmetic packaging: With excellent transparency and a light intrinsic color, Luran 348Q is easily customizable for cosmetic packaging. An easy-flow grade of SAN, it can be molded with very thin walls to reduce product weight and costs. Its finish and level of transparency can be customized with adjustments to color.

Overview

Soap dispensers

PRODUCT FACTS

Made with:

Luran® 358N

Key properties

Transparency

Soap dispensers: Featuring excellent transparency and color customization, Luran 358N is adapted for use in soap dispensers. Its excellent flowability allows for the production of very thin walls to reduce product weight and costs. Lightweight, highly aesthetic and customizable, it is a versatile grade for numerous household applications.

Overview

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Cosmetic packaging

PRODUCT FACTS

Made with:

Luran® 368R

Key properties

Chemical resistance

Transparency

Cosmetic packaging: Luran 368R is an ideal SAN grade for use in cosmetic packacking applications. With good transparency, heat resistance and dimensional stability Luran 368R meets a wide range of requirements for this sector.

Overview

Transparent jars for cosmetic packaging

PRODUCT FACTS

Made with:

NAS® 36

Key properties

Transparency

Flowability

Transparent jars for cosmetic packaging: A versatile grade with excellent flowability and transparency, NAS 36 is a styrene acrylic copolymer used in a variety of applications that demand strong, water-clear plastic resin with excellent thermal and indoor UV light stability. It can be molded with very thin walls to reduce product weight and costs.

Overview

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Disposable cutlery at its finest

PRODUCT FACTS

Made with:

GPPS PS 158K

GPPS PS 147F

Key properties

Heat resistance

Dimensional stability

Rigidity

Transparency

Disposable plastic cutlery: Used in the food packaging industry for disposable plastic cutlery, Styrolution PS 158K and 147F provide excellent transparency and easy processability, high heat resistance and very low permeability to aromas and gases.

Overview

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Durable mowers - rain or shine

PRODUCT FACTS

Made with:

Luran® S 757G

Key properties

Chemical resistance
UV resistance
Flowability

Husqvarna Automower: Designed to work outside regardless of the weather, the new generation of robotic Husqvarna Automower® are silent, exhaust-free and extremely energy efficient. Designers selected Luran® S for the housing, as this UV-resistant material withstands extreme heat and rain while retaining its high-gloss appearance after years of use.

Overview

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Housings for toys

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Self colorability

Flowability

Housings for toys: Optimally designed for application in toys and electronic housings, Terluran GP-35 offers key benefits like global availability, easy flow, exact color customization, good ductility, low moisture absorption and a low processing temperature. It can be found in a variety of toys and end products like computers and home entertainment devices.

Overview

Ski foil

PRODUCT FACTS

Made with:

Terlux® 2812

Key properties

Chemical resistance
Impact strength
Transparency

Ski foil: An easy flow grade of ABS, Terlux 2812 is ideal for extrusion and injection molding, exhibiting very good adhesion to PU. It is used in the toy, sports and leisure industry to create ski foils for the top layer of the ski.

Overview

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Snowboards

PRODUCT FACTS

Made with:

Terblend® N NM-13

Key properties

Chemical resistance
Impact strength
Low temperatur toughness

Snowboards: An ABS/PA blend with excellent impact toughness, especially at low temperatures, Terblend N NM-13 is used for applications like snowboards and surfboards in the toy, sports and leisure industry. It delivers both the mechanical properties to maintain product structure and the aesthetics for eye-catching design.

Overview

Suitcases

PRODUCT FACTS

Made with:

Terluran® SP-6

Key properties

Impact strength
Low temperature toughness
Extrusion
Self colorability

Suitcases: A high-impact ABS grade suitable for extrusion as well as injection moulding, Terluran SP6 is used in sheet extrusion, which is later thermoformed. It is commonly used for suitcases or roof containers for cars.

Overview

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Weather-resistant water jet skis

PRODUCT FACTS

Made with:

Luran® S 777K

Key properties

Chemical resistance

UV resistance

Water scooter: With its excellent weather resistance, Luran® S 777K is ideal for jet skis. It can be injection molded or extruded, offers good flowability and is easy to process.

Overview

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Colorful, high-impact toy design

PRODUCT FACTS

Made with:

Terluran® GP-22

Key properties

Self colorability

Terluran GP 22 for toys: Custom made for toy manufacturers, Terluran GP22 provides the high impact strength and mechanical properties needed to meet toy safety requirements, while offering a high degree of freedom in mold design. Another key benefit is easy coloring due to its consistent natural color.

Overview

Tactile figurines

PRODUCT FACTS

Made with:

Styroflex® 2G 66

Key properties

Impact strength

Flowability

Transparency

Toy figurines: Styroflex 2G 66 offers toy manufacturers the flexibility to achieve surface touch requirements and adjust hardness in the compounding process. More polar than SBS or SEBS grades, it delivers a combination of high resilience, toughness, good transparency and process stability. It also addresses the chemical safety concern requiring the replacement of PVC-like material.

Overview

NAS 21 for toys with transparent parts

PRODUCT FACTS

Made with:

NAS® 21

Key properties

Transparency

NAS® 21 for toys with transparent parts: An excellent replacement for PMMA, NAS® 21 delivers high stiffness and proven performance in transparent toy parts.

Overview

ZYLAR 960 for toys with transparent parts

PRODUCT FACTS

Made with:

Zylar® 960

Key properties

Impact strength

Flowability

Transparency

ZYLAR 960 for toys with transparent parts: Due to its high impact resistance, ZYLAR® 960 is an excellent replacement for polycarbonate and delivers proven performance for transparent toy parts.

Overview

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Form-fitting toy blocks

PRODUCT FACTS

Made with:

Terluran® GP-35

Key properties

Flowability

Self colorability

Construction bricks: Defined by great mechanical strength, rigidity and high flowability, Terluran GP35 is specifically designed for use in educational construction blocks and the toy industry.

Overview