STYRENIC SPECIALTIES
**BEAUTIFUL PERFORMERS**

INEOS Styrolution offers the world’s largest styrenic specialties portfolio, reliable global supply and the commitment to collaborate with our customers to even create new grades with the exact properties required. Innovative, high-performance styrenic specialties from INEOS Styrolution offer clear material advantages, from greater product differentiation to improved processing efficiency.

**TRANSPARENT**

Aesthetics matter. Transparent styrenic specialties from INEOS Styrolution are known for their outstanding surface quality and water-clear transparency, enabling the creation of beautiful products that are pleasing to the senses, durable and safe to use. Tough and brilliant, our transparent specialties help improve your bottom line through optimal processibility and outstanding quality.

**ENHANCED**

Good design sells. Enhanced styrenic specialties from INEOS Styrolution are increasingly used by designers and manufacturers to unlock innovative potential. The superior surface quality, proven performance and high versatility makes creating attractive products easier. Add value to your brand with products that retain their superior appearance and performance while also delivering cost, time and energy savings.
## TRANSPARENT STYRENE SPECIALTIES

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Properties</th>
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## ENHANCED STYRENE SPECIALTIES

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## PHYSICAL AND MECHANICAL STRENGTH

- DENSITY
- MODULUS OF ELASTICITY
- HARDNESS
- TENSILE STRENGTH
- FLEXURAL MODULUS
- IMPACT STRENGTH
- TEAR RESISTANCE
- NOTCH SENSITIVE

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## CHEMICAL RESISTANCE

- ACIDS
- ALKALI
- SALTS
- ALCOHOLS
- PETROLEUM
- SOLVENTS

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## PROCESSABILITY

- MOLDING
- FLOWABILITY
- PROCESSING

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## LONG TERM PROPERTY RETENTION

- HIGH TEMPERATURE TOUGHNESS
- LOW TEMPERATURE TOUGHNESS
- WEATHERING

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## IMPACT RESISTANCE

- ABS
- UV

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## DIMENSIONAL STABILITY

- LOW EMISSION
- FLOWABILITY

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## TRANSPARENCY

- LOW GLOSS
- HIGH GLOSS
- RIGIDITY, STIFFNESS

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## FINISHING

- ELECTROPLATING
- GRINDING, SANDING

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## ENHANCED STYRENE SPECIALTIES

- NOVODUR® HIGH HEAT
- LURAN® S
- LURAN® SC
- TERBLEND® N/S
TRANSPARENT SPECIALTIES

EXPLORE THE POSSIBILITIES

WHAT IS YOUR TRANSPARENT SPECIALTIES APPLICATION?
INEOS Styrolution's styrene acrylonitrile copolymer (SaN) portfolio available for the local market in India. Absolan grades feature a very well-balanced property profile ranging from excellent transparency and good chemical resistance to high stiffness, and good dimensional stability.

### Key Applications
- Industrial goods
- Stationery
- Electrical appliances
- Household applications
- Cosmetics jars

### Key Properties
- **AbSOLAn®**
- **STYRENOID®**
- **TERBLEN®**
- **TERPLEX®**
- **NASC®**
- **ZYLAIR® & CLEARZION®**
- **STYROLUX®**

### Experience AbSOLAn’s high stiffness and well-balanced property profile.

### Properties
- **Rockwell hardness (23 °C)**
- **Stress at yield / break (5 mm/min)**
- **Tensile modulus (5 mm/min)**
- **Flexural strength (5 mm/min)**
- **Flexural modulus (5 mm/min)**
- **IZOD notched impact strength (23 °C at 1/8” thickness)**
- **IZOD notched impact strength (23 °C at 1/4” thickness)**
- **Heat deflection temperature, hdT A (1.80 MPa)**
- **Heat deflection temperature, hdT b (0.45 MPa)**
- **Vicat softening temperature, Cond. b-50n**
- **Coefficient of linear thermal expansion (23-55 °C)**

### Processing
- **Injection molding**
- **Extrusion**
- **Blow molding**

### Thermal
- **Melt temperature range**
- **Mold temperature range**
- **Mold shrinkage range**
- **Melt volume rate (220 °C/10kg)**
- **Processing temperature range**
- **Processing pressure range**

### Glass filled grades
- **High rigidity**

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Discover LURAN’s best-in-class chemical resistance and color consistency.

**KEY PROPERTIES**

- **Food contact**
  - Excellent transparency
  - High impact strength
  - Easy flow

- **Water clear**
  - High flow

- **Chemical resistance**
  - Easy flow
  - High impact strength

- **FULL HD service package**
  - Easy flow

- **Glass fibre reinforced**
  - Enhanced rigidity
  - Ultra high rigidity

- **High gloss**
  - UV resistance
  - Increased UV resistance

**KEY APPLICATIONS**

- Mixers, blenders and water filters
- Drinkware and food containers
- Cosmetic jars, compacts and closures
- Stationery, lighters and fan blades
- Industrial batteries and interior automotive applications

**Thermal**

- **TEST METHOD**
  - ISO 1183
  - ISO 62
  - ISO 1133
  - ISO 294
  - ISO 294-4
  - ISO 527
  - ISO 527
  - ISO 178
  - ISO 179/1a
  - ISO 179/1aU
  - ISO 179/1c
  - ISO 179/1cU
  - ISO 170
  - ISO 170
  - ISO 175-1/-2
  - ISO 175-1/-2
  - ISO 306

- **UNIT**
  - kg/m³
  - %
  - cm³/10 min
  - °C
  - °C
  - %
  - MPa
  - MPa
  - %
  - MPa
  - KJ/m²
  - KJ/m²
  - °C
  - °C
  - °C

- **PROPERTY**
  - Melt volume rate (220 °C/10kg)
  - Melt temperature range
  - Mold temperature range
  - Mold shrinkage range
  - Density
  - Moisture absorption, equilibrium 23 °C/50% r.h.

- **MECHANICAL**
  - Tensile modulus
  - Tensile stress at yield, 23 °C
  - Flexural strength, 23 °C

- **CHARPY**
  - Notched impact strength (23 °C)
  - Unnotched impact strength (23 °C)

- **THERMAL**
  - Heat deflection temperature, aD (annealed 4h/80 °C ; 1.8MPa)
  - Heat deflection temperature, aD (annealed 4h/80 °C ; 0.45MPa)

- **VICTA**
  - Softening temperature

**Polymer abbreviation**

- **Melt volume rate (220 °C/10kg)**
- **Melt temperature range**
- **Mold temperature range**
- **Mold shrinkage range**
- **Density**
- **Moisture absorption, equilibrium 23 °C/50% r.h.**

**MEL T VOLUME RATE**

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<th>Mold Temperature Range</th>
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**NAS®**

INEOS Styrolution’s best-in-class transparent styrene acrylic copolymers are a premium choice for applications demanding a strong, stiff, water-clear plastic. NAS is hydrophobic and provides excellent thermal stability, very good alcohol resistance, and virtually no molded-in-stress. NAS is compliant with FDA, EU food contact, Chinese National GB and MERCOSUR food contact regulations as well as medical compliance USP CI, VI & ISO 10993.

**Did you know NAS combines high stiffness with superior processability?**

**KEY PROPERTIES**

- General purpose
- Enhanced flow and clarity
- Increased toughness
- Excellent clarity, low haze, available with UV package

**KEY APPLICATIONS**

- Water filters
- Food boxes
- Point-of-purchase displays
- Diabetes devices and packaging, e.g., injection pens
- Pens (barrel)
- Light guide panels

**PROPERTIES**

- **TEST METHOD**
  - ISO 1163
  - ISO 62
  - ISO 1133
  - ISO 294
  - ISO 294-4
  - ISO 294
  - ISO 527
  - ISO 178
  - ISO 179
  - ISO 306
  - ASTM D1003
  - ASTM D1003
  - ISO 489

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**PROCESSING**

- **Melt volume rate (220 °C/10kg)**
- **Melt temperature range**
- **Mold temperature range**
- **Mold shrinkage range**

- **POLYMERS Abbreviation**
  - density
  - Moisture absorption, equilibrium 23 °C / 50% r.h.

**MECHANICAL**

- Tensile modulus
- Tensile stress at yield, 23 °C
- Tensile strain at break, 23 °C

**THERMAL**

- Flexural strength, 23 °C
- Charpy notched impact ... A (annealed 4h/80 °C ; 1.8MPa)
- Heat deflection temperature, hdT b (annealed 4h/80°C ; 0.45MPa)
- Vicat softening temperature, vST/b/50

**OPTICAL**

- Light transmission (4 mm thickness)
- Haze (4 mm thickness)
- Refractive index (nd)
**KEY PROPERTIES**

INEOS Styrolution’s transparent ABS polymers can be used to create particularly brilliant visual effects such as very deep colors, pearly or sparkle effects and are also easy to print on. This combination of properties and ease of processing make Terlux an optimal choice for upscale and design-oriented applications. The Terlux HD grades are optimized to meet the specific requirements of medical applications.

**KEY APPLICATIONS**

- Infusion systems, e.g. connectors, stopcocks
- Cosmetic packaging
- Homeware
- housings
- Toys, sports and leisure

**TERLUX®**

Try Terlux for its impact strength and outstanding chemical resistance.

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**TEST METHOD**

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*For healthcare applications, INEOS Styrolution offers a Full-Service HD package providing reliable formulations, global regulatory approval support, compatibility testing to specific chemicals, technical support (processing, design, calculation), enhanced quality control processes (cleaning, sampling frequency and documentation) and high-performance property profiles.*

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**TERLUX | TRANSPARENT STYRENE SPECIALTIES**

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ZYLAR® & CLEARBLEND®

INEOS Styrolution’s clear impact modified styrene acrylic copolymers offer practical toughness, excellent clarity, and superior processing over competitive materials such as polycarbonate and copolyesters. In spiral flow tests, Zylar and Clearblend resins flow the same distance as polycarbonate at significantly lower temperatures. This leads to higher productivity, lower energy consumption and less molded-in stress. Zylar meets USP class VI and has good resistance to many detergents and cleaning solutions. Clearblend resins are engineered to provide balanced clarity and toughness so high performance does not have to mean higher cost. Clearblend is only available in the Americas and Asia.

For toughness in drop tests, CLEARBLEND delivers excellent performance.

KEY PROPERTIES

- **High transparency**
- **High scratch resistance**
- **Good transparency**
- **Highest impact strength**

**KEY APPLICATIONS**

- Domestic appliances, e.g. vacuum cleaner housings
- Shaving systems
- Transparent toys
- Pens (clips)
- Cosmetic packaging, e.g. lids
- Medical devices, e.g. urine meters
- Towel dispensers
- Food bins

**TEST METHOD**

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ZYLAR® & CLEARBLEND® | TRANSPARENT STYRENIC SPECIALTIES

ZYLaR is the clear choice for excellent flow in injection molding.
INEOS Styrolution’s crystal-clear thermoplastic styrene butadiene copolymers (SBC) is known for its unique blend of sparkling clarity, impact toughness, stiffness and exceptional gloss. K-Resin is used in various applications ranging from packaging and toys to medical components and displays for more than 40 years.

**KEY PROPERTIES**

**Injection molding**
- Excellent stiffness and clarity
  - K-Resin KR01
  - SBC 1010 0.07 M 8.0 180-240 30-50 0.30-1.00 1600 33 15 1.5 30 70 65 78 65 92 1.0 1.57
- Combines clarity and toughness
  - K-Resin KR03
  - SBC 1010 0.07 M 7.5 180-240 30-50 0.30-1.00 1500 25 170 2.0 n.b. 63 61 76 53 91 1.5 1.57
- High melt flow
  - K-Resin BK10
  - SBC 1010 0.07 M 15.0 180-240 30-50 0.30-1.00 1500 25 180 2.0 n.b. 61 61 76 53 91 1.5 1.57

**Impact modifier**
- Improve toughness for styrenic polymers
  - K-Resin KR20
  - SBC 1000 0.07 M, E, C 6.0 180-200 30-50 0.30-1.00 700 10 >500 n.b. 47 50 60 55 90 5.0 1.56
  - K-Resin KR21
  - SBC 1000 0.07 M, E, C 6.0 180-200 30-50 0.30-1.00 120 > >500 n.b. 40 – 40 – 89 5.0 1.56

**Extrusion**
- Combines clarity and toughness
  - K-Resin KR05
  - SBC 1010 0.07 E 7.5 180-200 30-50 0.30-1.00 1500 25 170 2.0 n.b. 63 61 76 53 91 1.5 1.57
- Cold temperature impact applications
  - K-Resin KR38
  - SBC 1000 0.07 E, C 9.0 180-200 30-50 0.30-1.00 900 15 200 50.0 n.b. 55 55 73 50 90 3.5 1.57
- Excellent toughness and clarity
  - K-Resin KR40
  - SBC 1020 0.07 E 10.0 180-200 30-50 0.30-1.00 750 15 320 n.b. – 46 56 40 90 3.5 1.57
- Excellent blending with GPPS
  - K-Resin SX44
  - SBC 1010 0.07 E 6.0 180-200 30-50 0.30-1.00 – – 4.0 – 65 65 – – 92 1.0 1.57

**Film**
- High stiffness, excellent clarity, low gel
  - K-Resin DK11
  - SBC 1010 0.07 M, E, F 7.5 180-200 30-50 0.30-1.00 1500 25 170 2.0 n.b. 63 61 76 53 91 1.5 1.57
- Shrink sleeve grade
  - K-Resin KRS2
  - SBC 1010 0.07 F 9.0 180-200 30-50 0.30-1.00 – – – – – – – – – – –
- Lower stiffness, greater elongation
  - K-Resin KRS3
  - SBC 1020 0.07 F 10.0 180-200 30-50 0.30-1.00 750 15 320 n.b. 55 46 50 40 90 3.5 1.57

**KEY APPLICATIONS**
- Food packaging
- Integrated circuit (IC) packaging
- Labeling and twist films
- Shrink film
- Medical devices, e.g drip chambers
- Toys
STYROLUX®

INEOS Styrolution’s crystal-clear thermoplastic styrene butadiene copolymers (SBC) offer an impressive combination of high transparency, brilliance and impact resistance. The good miscibility of Styrolux and polystyrene allows adjustment to the desired toughness, while at the same time reducing material costs. Styrolux can be extruded, thermoformed and injection molded into a variety of high-quality products.

STYROLUX® combines clarity, rigidity and toughness in a cost-effective solution.

KEY PROPERTIES

- Food packaging
- Labeling and twist films
- Shrink film
- Flooring systems
- Medical devices, e.g. drip chambers

KEY APPLICATIONS

- Food packaging
- Labeling and twist films
- Shrink film
- Flooring systems
- Medical devices, e.g drip chambers

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**STYROFLEX®**

INEOS Styrolution’s styrene-butadiene block copolymer (SBC) with the properties of a thermoplastic elastomer (S-TPE), suitable for extrusion (including both blown and cast film) and injection molding. Characterized by a combination of high resilience and toughness, optical clarity and process stability, Styroflex also offers good printable and good adhesion to many different polymers. In elastic film applications, Styroflex provides excellent stretch recovery, superior transparency, puncture resistance, as well as high oxygen and moisture permeability. It is also employed as a high performance additive to increase toughness and e.g. the stress cracking resistance of styrenic and olefinic polymers.

### KEY PROPERTIES

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**KEY APPLICATIONS**

- Flexible films
- Medical tubes
- Stretch hoods
- Impact-modified compounds

**STYROFLEX**

STYROFLEX combines excellent transparency, toughness, elasticity and processability.
ENHANCED SPECIALTIES

DISCOVER THE VERSATILITY

WHAT IS YOUR ENHANCED SPECIALTIES APPLICATION?
**ABSOLAC® / NOVODUR®**

INEOS Styrolution’s specialty acrylonitrile butadiene styrene (ABS) copolymers feature grades characterized by easy processability, highly aesthetic colorful surfaces and excellent paintability, as well as good impact strength and heat resistance. They also exhibit high adhesion strength required for electroplating, as well as good mechanical strength and chemical resistance. These grades are exclusively manufactured in India.

**KEY PROPERTIES**
- High impact
- Medium impact
- Good flow
- High gloss
- Medium flow
- High rigidity
- General purpose
- High flow
- Very high flow
- Medium impact
- Medium heat
- High heat
- Heat resistance
- Standard impact
- High flow
- Electroplating
- Special grades
- Painting
- High surface energy

**KEY APPLICATIONS**
- Automotive exterior: radiator grilles, light housing, spoiler, helmets
- Automotive interior: instrument panels, consoles, air vents, bezels
- Housings for electronic devices
- Household applications
- Office equipment

**PROPERTIES**

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**TEST METHOD**
- D 790
- ISO 1133
- ISO 294
- D 105
- D 785
- ISO 719
- D 785
- ISO 105
- ISO 667

**UNIT**
- g/cm³
- °C
- %
- kg/cm²
- kg/cm³
- Method: injection molding (M), extrusion (E), blow molding (b)

**PROCESSING**
- General purpose
- Medium heat
- High heat
- Heat resistance
- Special grades
- Electroplating
- Standard impact
- High flow
- Painting
- High surface energy

**PROPERTIES**
- Super high
- Medium
- Good
- High
- Better
- High
- Medium
- Very high
- High
- Better
- Good
- High
- Medium
- High
- High
- Medium
- High
- High
- Medium
- High
- Notched I.
- Vicat Soft.
- Heat Deflection
- Flow
- Rockwell
- Flexural
- Notch I.
- Vicat Soft.
- Heat Deflection

**MECHANICAL**
- Super high
- Medium
- Good
- High
- Better
- High
- Medium
- Very high
- High
- Better
- Good
- High
- Medium
- High
- High
- Medium
- High
- High
- Medium
- High
- Notched I.
- Vicat Soft.
- Heat Deflection
- Flow
- Rockwell
- Flexural
- Notch I.
- Vicat Soft.
- Heat Deflection

**THERMAL**
- Super high
- Medium
- Good
- High
- Better
- High
- Medium
- Very high
- High
- Better
- Good
- High
- Medium
- High
- High
- Medium
- High
- High
- Medium
- High
- Notched I.
- Vicat Soft.
- Heat Deflection
- Flow
- Rockwell
- Flexural
- Notch I.
- Vicat Soft.
- Heat Deflection

**ABSOLAC® / NOVODUR® products are available pre-colored and can be tailored to your needs.**

ABSOLAC Glass filled grades - ABSOLAC 30 GF 15%, ABSOLAC 30 GF 20% & ABSOLAC 30 GF 30% - are also available. Kindly contact us for more product details.
**NOVODUR®**

INEOS Styrolution’s specialty acrylonitrile butadiene styrene (ABS) copolymers feature grades with a well-balanced mix of properties for injection molding, including good impact strength, dimensional stability and chemical resistance. Novodur is easy to process and creates a highly aesthetic, colorful surface appearance. The versatile product line is available pre-colored and can be tailored to your needs.

**KEY APPLICATIONS**

- Automotive (4- & 2-wheeler) painted/plated parts
- Vacuum cleaner housings
- Fridge inner/door liners
- Medical appliances such as inhaler housings
- Housings for electronic devices

**KEY PROPERTIES**

- Tensile modulus
- Tensile stress at yield / break, 23 °C
- Flexural strength, 23 °C
- Impact strength (23 °C / -30 °C)
- Vicat softening temperature, 23 °C / 50 °C / 120 °C
- Deflection temperature

**TEST METHOD**


**PROPERTY**

- Chemical resistance
- High-flowability, flow contact
- Stiffness
- Balanced properties
- Enhanced impact strength
- High impact strength
- Chemical resistance
- Electroplating
- Painting
- Enhanced flow

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**PROCESSING**

- Chemical resistance
- Enhanced flow
- High-flowability, flow contact
- Stiffness
- Balanced properties
- Impact strength
- Chemical resistance
- Electroplating
- Painting
- Enhanced flow

**MECHANICAL**

- Flexural strength, 23 °C
- Impact strength (23 °C / -30 °C)
- Heat deflection temperature (annealed)
- Vicat softening temperature

**THERMAL**

- Chemical resistance
- Enhanced flow
- Super high impact strength
- Extrusion / blow molding
- Enhanced flow
- Environmental stress cracking resistance (ESCR, food contact)
- Chemical resistance
- Electroplating, enhanced flow
- Drinking water contact
- Painting without primer, high-chemical resistance

**Ask us how NOVODUR can be tailored to your needs.**
**NOVODUR® HIGH HEAT**

INEOS Styrolution's specialty acrylonitrile butadiene styrene (ABS) copolymers feature grades with a well-balanced mix of properties for injection molding, including good impact strength, dimensional stability and heat resistance. Novodur High Heat is easy to process and creates a highly aesthetic, colorful surface appearance. The versatile product line is available pre-colored as well as natural and contains products with many unique features to fit the most demanding product applications.

### KEY PROPERTIES

- **High heat**
  - Tensile modulus
  - Tensile stress at yield / break

- **Enhanced flow**
  - Low flow

- **High stiffness, high tensile strength**
  - Impact strength

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

### KEY APPLICATIONS

- Automotive exterior: mirror housings, light housings, front grills, trims
- Automotive interior: glove boxes, center consoles, instrument panel trims, trims
- Vacuum cleaner housings, coffee machines
- Housings for electronic devices
- Household parts

### TEST METHOD

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<td>105 / 90</td>
<td>110 / 95</td>
<td>115 / 100</td>
<td>120 / 105</td>
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### PROPERTIES

- **Chemical resistance, excellent painting**
  - KJ/m²

- **Heat deflection temperature (annealed)***
  - °C

- **Vicat softening temperature**
  - °C

- **Impact strength**
  - kJ/m²

- **Stiffness**
  - %

### PROCESSING

- **Enhanced flow**
  - Low flow

### MECHANICAL

- **High stiffness, high tensile strength**
  - Impact strength

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

### THERMAL

- **Enhanced flow**
  - Low flow

- **Stiffness**
  - %

- **Impact strength**
  - kJ/m²

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

- **Heat deflection temperature (annealed)***
  - °C

- **Vicat softening temperature**
  - °C

- **Impact strength**
  - kJ/m²

- **Stiffness**
  - %

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

- **Heat deflection temperature (annealed)***
  - °C

- **Vicat softening temperature**
  - °C

- **Impact strength**
  - kJ/m²

- **Stiffness**
  - %

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

- **Heat deflection temperature (annealed)***
  - °C

- **Vicat softening temperature**
  - °C

- **Impact strength**
  - kJ/m²

- **Stiffness**
  - %

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility

- **Heat deflection temperature (annealed)***
  - °C

- **Vicat softening temperature**
  - °C

- **Impact strength**
  - kJ/m²

- **Stiffness**
  - %

- **Very high impact strength**
  - Enhanced flow, low emission, low temperature ductility
INEOS Styrolution’s acrylonitrile styrene acrylate (ASA) polymers are the benchmark styrenic polymer for weather resistance. The grades in the Luran S portfolio feature high surface quality, excellent chemical resistance and good impact strength, including enhanced color fastness and superior long-term performance when exposed to UV irradiation and heat.

**Key Properties**

- **Surface gloss**
- **Chemical resistance**
- **Enhanced stiffness**
- **Universal**
- **High heat**
- **Low glass transition temperature**
- **Highest impact**
- **Low glass transition, extrusion grade**
- **High glass transition temperature**

**Key Applications**

- Automotive exterior: radiator grills, mirror housings, light housings, exterior pillars, spoilers, exterior trims, mounting brackets
- Household applications
- PVC capstock for sheets, sidings, roof tiles
- Gardening equipment
- Truck: exterior deflectors, grills

**LURAN® S**

LURAN® S is our benchmark material for bright conditions.
LURAN® SC

INEOS Styrolution’s blends of acrylonitrile styrene acrylate copolymer and polycarbonate (ASA/PC) offer superior UV resistance combined with high heat resistance. Luran SC grades are primarily used for demanding applications in automotive interiors and exteriors. INEOS Styrolution also offers a flame-retardant grade that meets UL 94 test standards at V0.

**KEY APPLICATIONS**
- Automotive exterior: radiator grills, exterior trims, mounting brackets
- Automotive interior: overhead consoles
- Sanitary applications
- PVC capstock for sheets, sidings, roof tiles
- Office equipment
- Truck: exterior deflectors, grills, cabin parts

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**Explore the possibilities of LURAN SC’s antistatic and flame-retardant grades.**
INEOS Styrolution’s acrylonitrile butadiene styrene and acrylonitrile styrene acrylate copolymer blends with polyamide (ABS/PA and ASA/PA) are the ideal choice for a matt surface finish. Terblend N (ABS/PA blends) and Terblend S (ASA/PA blends) comprise a family of styrenic grades perfect for a wide range of uses across multiple industries, including automotive, construction, household and electronics. Some of their unique features include pleasant haptics, easy processing, good adhesion to soft components, paintability without pretreatment and the potential for accelerated cycle times.

### KEY APPLICATIONS
- Automotive interior: loudspeaker grills, air ventings, steering wheel covers, roof consoles, seat trims, center consoles
- Unpainted automotive interiors
- Helmets
- Ski hatch openings
- Soap dispensers
- Housings for electrical & electronic devices

### KEY PROPERTIES
- Enhanced dimensional stability and rigidity
- High impact
- Good flow
- UV resistance
- Highstiffness
- Impact strength
- Mineral reinforced
- Glass fiber reinforced
- Good flow
- Low-temperature toughness
- Good flow
- Good flow
- Good flow

### PROPERTIES

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<td>2500</td>
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Styrenics are one of the most versatile materials in the 21st century, and have revolutionised the way we live today. Our products have become an indispensable part of consumers’ everyday lives and provide solutions to societal challenges such as climate change, resource scarcity, urbanisation, rising living standards and population growth.

The solutions styrenics products offer include extending food shelf life thereby reducing food waste, while also providing lightweight solutions for the automotive industry leading to lower fuel consumption.

Our brand-new ECO range not only complements INEOS Styrolution’s existing strong portfolio of styrenics standard products and specialties, but also matches the performance of our existing portfolio.

By offering styrenics solutions that deliver strong, sustainable performance, we want to ensure that our customers’ businesses and end consumers’ choices become more sustainable.

To read more about our ECO family of solutions, please visit: www.styrolution-eco.com

To read more about our actions and performance on sustainability visit: www.ineos-styrolution.com/sustainability
INEOS STYROLUTION AT A GLANCE

INEOS Styrolution is the global leader in styrenics. The company provides products for many everyday applications across a broad range of industries, including healthcare, automotive, electronics, household, construction, toys/sports/leisure, and packaging.

LET’S COLLABORATE

If you would like further details, need assistance in creating your applications, or are curious to explore new possibilities with styrenics, please contact us!

www.ineos-styrolution.com

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