

Technical Data Sheet



Polytrope STR 3571EU-01 NATURAL

Enhanced Polyolefin (Capstock Resin)

LyondellBasell Industries

Engineering Plastics

Product Description

POLYTROPE STR 3571EU resin is an ultra-low gloss, weatherable, olefin cap resin. It is resistant to stress whitening and provides exceptional durability against denting and scratches. It is specifically designed for the co-extrusion process as a cap resin over POLYTROPE STR enhanced polyolefin TPO and FR TPO base resins. It is especially suited for thermoformed applications, as it maintains embossed texture and ultra-low gloss through the thermoforming process. POLYTROPE STR 3571EU-01 NATURAL is easily colored. The ultra-low gloss and durability of the cap resin enables it to match or exceed the performance and appearance of other ultra-low gloss surfacing materials for interior and exterior applications.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Chemical Resistant • Durable • Good Weather Resistance	• High Scratch Resistance • Low Temperature Impact Resistance • Recyclable Material	• Stain Resistant • Stress Whitening Resistant
Forms	• Pellets		
Processing Method	• Coextrusion • Extrusion	• Profile Extrusion • Sheet Extrusion	• Thermoforming

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity ¹	0.930	0.928 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5 g/10 min	4.5 g/10 min	ISO 1133
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss (60°, Thermoformed, Smooth)	< 20	< 20	ISO 2813

Notes

¹ Method A

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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