

Technical Data Sheet

POLYTROPE® STR 3571EU-01 NATURAL

Enhanced Polyolefin (Capstock Resin)
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

Features	<ul style="list-style-type: none">• Chemical Resistant• Durable• High Scratch Resistance	<ul style="list-style-type: none">• Low Temperature Impact Resistance• Recyclable Material• Stain Resistant	<ul style="list-style-type: none">• Stress Whitening Resistant• Weather Resistant
Forms	<ul style="list-style-type: none">• Pellets		
Processing Method	<ul style="list-style-type: none">• Coextrusion• Extrusion	<ul style="list-style-type: none">• Profile Extrusion• Sheet Extrusion	<ul style="list-style-type: none">• 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
Gardner 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.