

# POLYTROPE<sup>®</sup> 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"> <li>• Chemical Resistant</li> <li>• Durable</li> <li>• High Scratch Resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Low Temperature Impact Resistance</li> <li>• Recyclable Material</li> <li>• Stain Resistant</li> </ul>	<ul style="list-style-type: none"> <li>• Stress Whitening Resistant</li> <li>• Weather Resistant</li> </ul>
Forms	<ul style="list-style-type: none"> <li>• Pellets</li> </ul>		
Processing Method	<ul style="list-style-type: none"> <li>• Coextrusion</li> <li>• Extrusion</li> </ul>	<ul style="list-style-type: none"> <li>• Profile Extrusion</li> <li>• Sheet Extrusion</li> </ul>	<ul style="list-style-type: none"> <li>• Thermoforming</li> </ul>

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity <sup>1</sup>	0.930	0.928 g/cm <sup>3</sup>	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

<sup>1</sup> Method A

## Notes

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