

Polytrope STR 3571EU-01 NATURAL

LyondellBasell Industries - Enhanced TPO Polyolefin

General Information

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 • Good Weather Resistance 	<ul style="list-style-type: none"> • High Scratch Resistance • Low Temperature Impact Resistance • Recyclable Material 	<ul style="list-style-type: none"> • Stain Resistant • Stress Whitening Resistant
Uses	<ul style="list-style-type: none"> • Thermoforming Applications 		
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 	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ISO 1133
Optical	Nominal Value	Unit	Test Method
Gloss ² (60°, Thermoformed)	< 20		ISO 2813

Notes

¹ Typical properties: these are not to be construed as specifications.

² Smooth