

LyondellBasell Hostacomâ„ç CA270G Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , Polyolefin

Material Notes:

Description: Hostacomâ„ç CA270G fractional melt flow, 140 MPa flexural modulus, UV-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent combination of grain retention characteristics, soft feel, environ-mental aging performance and low temperature ductility. It was designed primarily for thermoformed and low-pressure injection molded (LPIM) automotive instrument panel and door panel skins. Uses: Automotive interior partsInformation provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-CA270G-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/inÂ³	ISO 1183
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 Â°C	0.50 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	ISO 868
Tensile Strength, Yield	15.0 MPa	2180 psi	ISO 527-1, -2
Elongation at Break	500 %	500 %	ISO 527-1, -2
Flexural Modulus	0.140 GPa	20.3 ksi	ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/mÂ² @Temperature -30.0 Â°C	7.14 ft-lb/inÂ² @Temperature -22.0 Â°F	ISO 180
	33.0 kJ/mÂ² @Temperature 23.0 Â°C	15.7 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 180
Compression Set	79 %	79 %	158Â°F, 22 hr; ASTM D395

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