

LyondellBasell Hifax[®],^ç CA260GC Thermoplastic Polyolefin Elastomer

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

Material Notes:

Description: Hifax[®],^ç CA260GC White fractional melt flow, 40 MPa flexural modulus, UV-stabilized, precolored thermoplastic elastomeric olefin (TEO) resin has an excellent balance of flexibility, weatherability and processability. It was designed primarily for extrusion applications that undergo extended outdoor exposure. Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-CA260GC-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	30	30	ASTM D2240
Tensile Strength at Break	10.0 MPa	1450 psi	ASTM D 638
Elongation at Break	450 %	450 %	ASTM D 638
Flexural Modulus	0.0400 GPa	5.80 ksi	Tangent, 0.5 in/min; ASTM D790
Tear Strength	57.8 kN/m	330 pli	ASTM D624

Descriptive Properties	Value	Comments
Flammability	Pass	3.2 mm, FMVSS302

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