

LyondellBasell Hifax[®],^ç CA10GC Thermoplastic Polyolefin Elastomer

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

Material Notes:

Description: Hifax[®],^ç CA10GC fractional melt flow, 100 MPa flexural modulus, precolored, UV-stabilized, reactor grade, extrudable thermoplastic elastomeric olefin (TEO) resin combines good processability with balanced strength, toughness, flexibility and weatherability. It is based on material produced from proprietary Basell process technology and was designed primarily for applications requiring extended outdoor exposure. Uses: Sheet, geo membranes Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-CA10GC-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.892 g/cc	0.0322 lb/in ³	ASTM D792
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 Â°C	0.80 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	43	43	ASTM D2240
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D 638
Tensile Strength, Yield	9.03 MPa	1310 psi	ASTM D 638
Elongation at Break	600 %	600 %	ASTM D 638
Flexural Modulus	0.0903 GPa	13.1 ksi	Tangent, 0.05 in/min; ASTM D790
	0.100 GPa	14.5 ksi	Tangent, 0.5 in/min; ASTM D790
Tear Strength	78.9 kN/m	450 pli	ASTM D624

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