

LyondellBasell Hifax[®],ç EP2015/60 Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Description: Hifax[®],ç EP2015/60 medium melt flow, 690 MPa flexural modulus, extrusion coating grade, specialty polypropylene copolymer has a very good balance of properties and processability. This material was designed for use as an adhesive tie layer in various extrusion coating applications. Uses: Piping, coating applications
Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-EP201560-Thermoplastic-Polyolefin-Elastomer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	67	67	ASTM D 785
Tensile Strength, Yield	19.0 MPa	2760 psi	ASTM D 638
Elongation at Break	550 %	550 %	ASTM D 638
Flexural Modulus	0.620 GPa	89.9 ksi	Tangent, 0.05 in/min; ASTM D790
	0.689 GPa	100 ksi	Tangent, 0.5 in/min; ASTM D790
Izod Impact, Notched	1.30 J/cm	2.44 ft-lb/in	73°F; ASTM D256

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