

LyondellBasell Hifax,ç ETA-5061 Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

Material Notes:

Key Features: fractional melt flow, medium low modulus, blow molding grade thermoplastic olefin resin, flexible, good impact resistance, good processability
Applications: automotive ductwork, convoluted tubing
Description: Hifax ETA-5061 fractional melt flow, blow molding grade thermoplastic olefin resin has good flexibility, processability and impact resistance. It was designed for various automotive under-the-hood applications. Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-ETA-5061-Thermoplastic-Olefin-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	Tool, Montell
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	ASTM D2240
Tensile Strength, Yield	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.310 GPa	45.0 ksi	Tangent at 0.05 in/min; ASTM D790A
Impact Test	19.0 J @Temperature -30.0 °C	14.0 ft-lb @Temperature -22.0 °F	Dynatup Impact, E at Max Load, Ductile; ASTM D3763
Tear Strength	110 kN/m	628 pli	ASTM D624

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