

LyondellBasell Hifax,ç ETA-3131EUV Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

Material Notes:

Key Features: fractional melt flow, medium modulus, UV-stabilized, extrusion grade thermoplastic olefin resin, excellent impact and stiffness balance, good practical impact, good processability, excellent weatherability

Applications: molded-in color automotive moldings, industrial profiles

Description: Hifax ETA-3131EUV fractional melt flow, UV-stabilized, extrusion grade thermoplastic olefin resin has an excellent balance of strength, stiffness, impact, processability and weatherability. It was originally designed for various automotive and industrial moldings requiring extended outdoor exposure.

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-3131EUV-Thermoplastic-Olefin-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	0.60 g/10 min @Load 2.16 kg, Temperature 230 °C	0.60 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	51	51	ASTM D785
Tensile Strength, Ultimate	27.0 MPa	3920 psi	ASTM D638
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	450 %	450 %	ASTM D638
Elongation at Yield	15 %	15 %	ASTM D638
Flexural Modulus	0.830 GPa	120 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	8.50 J/cm	15.9 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	62.0 °C	144 °F	ASTM D648

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