

LyondellBasell Hifax[®],_ç ETA-3104HF Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

Material Notes:

Key Features: medium melt flow, medium modulus thermoplastic elastomeric olefin resin, good impact and stiffness balance, good dimensional stability, good processability
Applications: molded-in color automotive bumper step pads, rub strips, sight shields, scuff plates
Description: Hifax ETA-3104HF, medium melt flow, thermoplastic elastomeric olefin resin has a very good combination of properties and processability. It was designed for a variety of molded-in color automotive exterior components and is available in UV-stabilized form for that purpose.
 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-3104HF-Thermoplastic-Olefin-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	Tool, Montell
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 °C	9.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ISO 686
Tensile Strength, Yield	14.0 MPa	2030 psi	ISO R527-1
Elongation at Yield	10 %	10 %	ISO R527-1
Flexural Modulus	0.550 GPa	79.8 ksi	ISO 178
Izod Impact, Notched	0.520 J/cm @Temperature -40.0 °C	0.974 ft-lb/in @Temperature -40.0 °F	ISO 180

Thermal Properties	Metric	English	Comments
CTE, linear	96.0 µm/m-°C @Temperature -30.0 - 100 °C	53.3 µin/in-°F @Temperature -22.0 - 212 °F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	66.0 °C	151 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	43.0 °C	109 °F	ISO 75

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China