

Hifax ETA3104HF

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax ETA3104HF medium melt flow, 550 MPa flexural modulus thermoplastic elastomeric olefin (TEO) 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.

General Information			
Features	Good Impact Resistance		
	Good Moldability		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	14.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	5.2	kJ/m ²	
23°C	24	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	66.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	43.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	9.6E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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