

Hifax TRC 790X

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax TRC 790X medium high melt flow, 1,550 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It was designed for automotive bumper fascia applications.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Medium Flow		
	Paintable		
Uses	Automotive Bumper		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	16.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	500	%	ISO 527-2
Flexural Modulus (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	51	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	87.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A

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