

# Hifax BR1149PC

Thermoplastic Polyolefin Elastomer  
LyondellBasell Industries

Message:

Hifax BR1149PC high melt flow, 1,700 MPa flexural modulus, precolored, UV-stabilized, mineral-filled, low CLTE, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties. It was designed primarily for molded-in color and partially painted exterior ornamentation applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Moldability		
	Good Weather Resistance		
	High Flow		
	High Stiffness		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Trim		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Flexural Modulus	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	20	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B
CLTE - Flow			
30 to 100°C	2.5E-5	cm/cm/°C	ASTM E228
-30 to 100°C	2.5E-5	cm/cm/°C	ISO 11359-2

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#### Recommended distributors for this material

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