

Hifax CJ232

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax CJ232 medium high melt flow, 650 MPa flexural modulus, low CLTE, paintable thermoplastic elastomeric olefin (TEO) resin has an exceptional combination of stiffness, impact resistance and dimensional stability. It was designed primarily for automotive exterior ornamentation applications requiring low thermal expansion characteristics and a moderate degree of flexibility.

General Information			
Features	Good Dimensional Stability		
	Good Flexibility		
	Good Impact Resistance		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	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)	8.0	%	ISO 527-2
Flexural Modulus	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	7.0	kJ/m ²	
23°C	30	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	69.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	5.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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