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/cm³	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/m²	
23°C	30	kJ/m²	
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

Recommended distributors for this material

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