

Hifax CA244

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax CA244 high melt flow, 850 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, processability and dynamic impact characteristics. It was designed primarily for use in painted automotive exterior trim applications where material flow is an important consideration.

General Information			
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Flow		
	Paintable		
Uses	Automotive Exterior Parts		
	Automotive Exterior Trim		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	14	%	ISO 527-2
Flexural Modulus	850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	3.9	kJ/m ²	
23°C	33	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	75.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	47.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	8.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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