

Hifax CA1110/2AC

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax CA1110/2AC Black medium high melt flow, 1,200 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of processability, impact resistance and paintability. It was designed primarily for use in painted automotive bumper fascia applications.

General Information			
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Medium Flow		
	Paintable		
Uses	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	8.9	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 100°C)	8.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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