



Hifax CA1110/2AC

Compounded Polyolefin

Product Description

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.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Medium Flow, Good Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.99	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	9	g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	17	MPa
Tensile Strain at Yield	ISO 527-1, -2	10	%
Flexural modulus	ISO 178	1200	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		50	kJ/m ²
(-40 °C)		8.9	kJ/m ²
Thermal			
CLTE, Flow	ISO 11359-1, -2	8.0 x 10 ⁻⁵	cm/cm/°C
<i>Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.</i>			