

## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.99	g/cm <sup>3</sup>
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>			
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(23 °C)		50	kJ/m <sup>2</sup>
(-40 °C)		8.9	kJ/m <sup>2</sup>
<b>Thermal</b>			
CLTE, Flow	ISO 11359-1, -2	8.0 x 10 <sup>-5</sup>	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>			

#### Notes

Typical properties: not to be construed as specifications.

