

## Technical Data Sheet

### Hifax CA1110 G3 PO 1740 BLK



Polypropylene Compounds

#### Product Description

Hifax CA1110 G3 PO 1740 BLK is a high melt flow, medium high modulus, UV-stabilized, mineralfilled thermoplastic elastomeric olefin (TEO) resin that has a good combination of properties and processability. It is typically used for unpainted automotive bumper fascia applications.

<b>Application</b>	Automotive Parts; Bumpers
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Impact Resistance; Good Moldability; Good Stiffness; Paintable

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density, (23 °C)	0.98	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C, 2 mm/min, Chord)	1000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	15	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	5	%	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m <sup>2</sup>	ISO 180
(-30 °C)	5	kJ/m <sup>2</sup>	ISO 180
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.