

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.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1
Mechanical			
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
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m ²	ISO 180
(-30 °C)	5	kJ/m ²	ISO 180
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			