

Technical Data Sheet

Hifax HSBMCB1158 PC/2 RXF BLK



Polypropylene Compounds

Product Description

Hifax HSBMCB1158PC/2 RXF BLK is a high melt flow, 1,200 MPa flexural modulus, mineral filled thermoplastic elastomeric olefin (TEO) resin that has a unique balance of flow and rigidity. It is typically used for molded in color exterior fascia applications.

Regulatory Status

For regulatory compliance information, see Hifax HSBMCB1158 PC/2 RXF BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Flow; Good Moldability; Good Stiffness; High Impact Resistance; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1200	MPa	ISO 178
Tensile Stress at Yield	18	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	85	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Notes

These are typical property values not to be construed as specification limits.