

Technical Data Sheet

Hifax HSBM CB 1158 G C12763

Polypropylene Compounds

Product Description

Hifax HSBM CB 1158 G C12763 is a 12% talc filled PP copolymer, with high melt flow rate and high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12763 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1450	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	48	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3.5	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	45	kJ/m ²	ISO 180/1A
(-40 °C)	5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	94	°C	ISO 75B-1, -2