

Technical Data Sheet

Polyfort HPP30GR20BK-BK GAPEXBLK



Polypropylene, Homopolymer

Product Description

Polyfort HPP30GR20BK-BK GAPEXBLK is a Polypropylene Homopolymer Glass Fiber\Mica, 31% filled material. Features include: Chemically Coupled, and Heat Stabilized.

Attribute	Chemically Coupled; Heat Stabilized
Forms	Pellets
Additive	Heat Stabilizer
Application	Automotive Applications
Filler/Reinforcement	Glass Fiber\Mica, 31%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.3	g/10 min	ISO 1133
Density, (Method A)	1.15	g/cm ³	ISO 1183
Mechanical			
Change in Tensile Stress, (1000 hr, 150 °C)	5.0	%	ISO 1817
Tensile Stress at Yield	55.1	MPa	ISO 527-2
Flexural Modulus, (Tangent)	4400	MPa	ISO 178
Impact			
Notched Izod Impact Strength			
(23 °C, Type 1, Notch A)	5.2	kJ/m ²	ISO 180
(-40 °C, Type 1, Notch A)	3.7	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	155	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	136	°C	ISO 75-2/A