

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.

Regulatory Status

For regulatory compliance information, see HPP30GR20BK-BK GAPEXBLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Latin America; North America
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

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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