

Technical Data Sheet



Gapex HPP20GR72HB

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

HPP20GR72HB is a 20% Glass and Mica filled, Chemically-Coupled Polypropylene. It shows excellent consistency and is well suited for Injection Molding applications.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber/Mica, 20% Filler by Weight
Features	• Chemically Coupled
Appearance	• Colors Available • White
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.2 g/10 min	5.2 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	7690 psi	53.0 MPa	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	528000 psi	3640 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	0.80 ft·lb/in	43 J/m	ASTM D256

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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