

Technical Data Sheet

Polyfort LPP20BN60HB-GYGRY



Polypropylene, Unspecified (PP, Unspecified)

Product Description

LPP20BN60HB is a 20% Calcium Carbonate-Filled Polypropylene

Regulatory Status

For regulatory compliance information, see LPP20BN60HB-GYGRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Forms	Pellets
Appearance	Colors Available
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	23.4	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	1690	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	20.7	J	ASTM D5420
Notched Izod Impact, (23 °C)	96	J/m	ASTM D256



Injection Parameters	Nominal Value	Units
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Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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