

Technical Data Sheet

Ferro Pp LPP20BN60HB

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

LPP20BN60HB is a 20% Calcium Carbonate-Filled Polypropylene

General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.06	1.06 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	17 g/10 min	17 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3390 psi	23.4 MPa	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	245000 psi	1690 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.8 ft·lb/in	96 J/m	ASTM D256
Gardner Impact (73°F (23°C))	183 in·lb	20.7 J	ASTM D5420

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Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C

Notes

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