

Technical Data Sheet

Ferro Pp TPP4C20HB

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

TPP4C20HB is a 20% Talc-Filled Polypropylene Copolymer

General

Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3180 psi	21.9 MPa	ASTM D638
Flexural Modulus - Tangent	272000 psi	1880 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	4.2 ft·lb/in	220 J/m	ASTM D256
Gardner Impact	210 in·lb	23.7 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.