

Technical Data Sheet

Ferro Pp LPP35BF54HB-WH

Polypropylene
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement	• Calcium Carbonate, 35% Filler by Weight
Appearance	• White
Forms	• Pellets
Processing Method	• Injection Molding

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	23 g/10 min	23 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3600 psi	24.8 MPa	ASTM D638
Flexural Modulus	300000 psi	2070 MPa	ASTM D790
Flexural Strength (Yield)	6100 psi	42.1 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Gardner Impact	60.0 in-lb	6.78 J	ASTM D3029

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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
Rear Temperature	395 to 400 °F	202 to 204 °C
Middle Temperature	400 to 410 °F	204 to 210 °C
Front Temperature	410 to 415 °F	210 to 213 °C
Nozzle Temperature	415 to 425 °F	213 to 218 °C
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C
Back Pressure	50.0 to 100 psi	0.345 to 0.689 MPa

Notes

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