Technical Data Sheet

Fiberfil® J-60/10/CC/30/E NATL

Polypropylene Homopolymer
Engineering Plastics

General		
Filler / Reinforcement	• Calcium Carbonate, 30% Filler by Weight	• Glass Fiber, 10% Filler by Weight
Features	• Chemically Coupled	• Homopolymer
Appearance	• Natural Color	
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.23 g/cm³	1.23 g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Stress (Yield)	5080 psi	35.0 MPa	ISO 527-2
Tensile Strain (Yield, 73°F (23°C))	4.0 %	4.0 %	ISO 527-2
Flexural Modulus (73°F (23°C))	363000 psi	2500 MPa	ISO 178
Flexural Stress (73°F (23°C))	9430 psi	65.0 MPa	ISO 178
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact Strength (73°F (23°C))	2.4 ft·lb/in²	5.0 kJ/m²	ISO 180/1A

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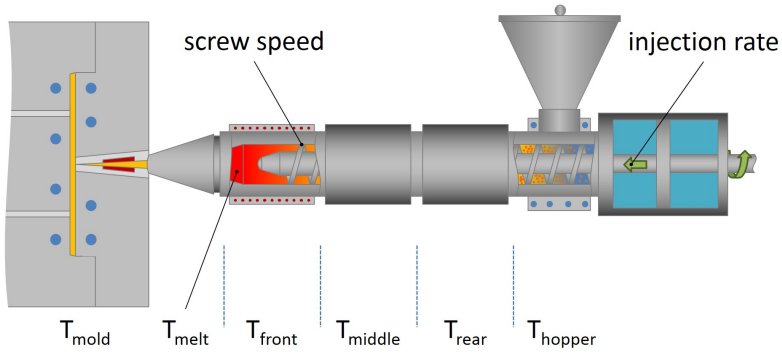

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	170 °F	77 °C
Drying Time	2.0 hr	2.0 hr
Suggested Max Moisture	0.20 %	0.20 %
Rear Temperature	390 to 410 °F	199 to 210 °C
Middle Temperature	400 to 440 °F	204 to 227 °C
Front Temperature	360 to 390 °F	182 to 199 °C
Nozzle Temperature	360 to 380 °F	182 to 193 °C
Processing (Melt) Temp	390 to 450 °F	199 to 232 °C
Mold Temperature	90 to 160 °F	32 to 71 °C
Injection Rate	Slow-Moderate	Slow-Moderate
Back Pressure	0.00 to 100 psi	0.00 to 0.689 MPa
Injection Notes		
Screw speed: Medium		

Notes

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