

Technical Data Sheet

# Fiberfil J-68/20/E

Polypropylene Copolymer  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

J-68/20/E is a 20% Glass-Reinforced, Chemically Coupled Polypropylene Copolymer

**General**

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled • Copolymer
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.03	1.03 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°f (23°c))	7980 psi	55.0 MPa	ASTM D638
Tensile Elongation (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus - Tangent (73°f (23°c))	490000 psi	3380 MPa	ASTM D790
Flexural Strength (73°f (23°c))	11300 psi	78.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°f (23°c), 0.125 In (3.18 Mm)	3.9 ft-lb/in	210 J/m	

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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.