

Technical Data Sheet

# Fiberfil J-60/20/E8

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238
Water Absorption (24 Hr)	0.030 %	0.030 %	ASTM D570

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	600000 psi	4140 MPa	ASTM D638
Tensile Strength (73°F (23°C))	10000 psi	68.9 MPa	ASTM D638
Tensile Elongation (Yield, 73°F (23°C))	3.5 %	3.5 %	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	550000 psi	3790 MPa	ASTM D790
Flexural Strength (73°F (23°C))	13500 psi	93.1 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)	1.2 ft·lb/in	64 J/m	

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	100 to 110	100 to 110	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	315 °F	157 °C	
264 Psi (1.8 Mpa), Unannealed	300 °F	149 °C	

**Notes**

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