

Technical Data Sheet

Fiberfil J-60/10/E8

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Features	• Chemically Coupled • Homopolymer		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.970	0.968 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 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))	440000 psi	3030 MPa	ASTM D638
Tensile Strength (73°F (23°C))	8500 psi	58.6 MPa	ASTM D638
Tensile Elongation (Yield, 73°F (23°C))	4.5 %	4.5 %	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	390000 psi	2690 MPa	ASTM D790
Flexural Strength (73°F (23°C))	10500 psi	72.4 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	0.80 ft·lb/in	43 J/m	ASTM D256
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	300 °F	149 °C	
264 Psi (1.8 Mpa), Unannealed	280 °F	138 °C	

Notes

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