Technical Data Sheet

Fiberfil J-60/30/E8

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General		
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight	
Features	• Chemically Coupled	• Homopolymer
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.12	1.12 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	6.0 g/10 min	6.0 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))	850000 psi	5860 MPa	ASTM D638
Tensile Strength (73°f (23°c))	12000 psi	82.7 MPa	ASTM D638
Tensile Elongation (Yield, 73°f (23°c))	3.0 %	3.0 %	ASTM D638
Flexural Modulus - Tangent (73°f (23°c))	700000 psi	4830 MPa	ASTM D790
Flexural Strength (73°f (23°c))	15500 psi	107 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)	1.5 ft·lb/in	80 J/m	
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Rockwell Hardness (R-scale)	105	105	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	305 °F	152 °C	

Additional Information
Rockwell Hardness, ASTM D785, R-Scale: 100 to 110

Notes

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