Technical Data Sheet

Fiberfil J-68/20/E/SD/HM

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238
Water Absorption (24 Hr)	0.020 %	0.020 %	ASTM D570
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus (73°f (23°c))	435000 psi	3000 MPa	ASTM D638
Tensile Strength (73°f (23°c))	7250 psi	50.0 MPa	ASTM D638
Tensile Elongation (Yield, 73°f (23°c))	4.0 %	4.0 %	ASTM D638
Flexural Modulus - Tangent (73°f (23°c))	479000 psi	3300 MPa	ASTM D790
Flexural Strength (73°f (23°c))	10200 psi	70.0 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)	3.6 ft·lb/in	190 J/m	
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Rockwell Hardness (R-scale)	90	90	ASTM D785
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	276 °F	136 °C	
264 Psi (1.8 Mpa), Unannealed	265 °F	129 °C	

Notes

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