

Technical Data Sheet

Fiberfil J-60/20/TT/FD WT8381

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Food Contact Acceptable • Homopolymer
Agency Ratings	• FDA Food Contact
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.06	1.06 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	19 g/10 min	19 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break, 73°F (23°C))	6960 psi	48.0 MPa	ISO 527-2
Tensile Strain (Yield, 73°F (23°C))	2.5 %	2.5 %	ISO 527-2
Flexural Modulus (73°F (23°C))	420000 psi	2900 MPa	ISO 178
Flexural Stress (73°F (23°C))	10700 psi	73.5 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength (73°F (23°C))	2.0 ft·lb/in ²	4.1 kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (73°F (23°C))	9.3 ft·lb/in ²	20 kJ/m ²	ISO 180/1U

Notes

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