HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Technical Data Sheet

Fiberfil J-61/10

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• Copolymer
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.980	0.978 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	13 g/10 min	13 g/10 min	ASTM D1238
Water Absorption (24 Hr)	0.010 %	0.010 %	ASTM D570
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus (73°f (23°c))	300000 psi	2070 MPa	ASTM D638
Tensile Strength (73°f (23°c))	5000 psi	34.5 MPa	ASTM D638
Tensile Elongation (Break, 73°f (23°c))	5.0 %	5.0 %	ASTM D638
Flexural Modulus - Tangent (73°f (23°c))	280000 psi	1930 MPa	ASTM D790
Flexural Strength (73°f (23°c))	7500 psi	51.7 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)	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	305 °F	152 °C	
264 Psi (1.8 Mpa), Unannealed	275 °F	135 °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.