

Technical Data Sheet

Fiberfil J-60/30/E/R

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

Fiberfil® J-60/30/E/R is a 30% Glass Reinforced, Chemically Coupled, Post Industrial Grade Propylene

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.13	1.13 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

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Strength (73°F (23°C))	10500 psi	72.4 MPa	ASTM D638
Tensile Elongation (Yield, 73°F (23°C))	3.5 %	3.5 %	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	750000 psi	5170 MPa	ASTM D790
Flexural Strength (73°F (23°C))	16500 psi	114 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	1.7 ft·lb/in	91 J/m	ASTM D256
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	310 °F	154 °C	ASTM D648
264 Psi (1.8 Mpa), Unannealed	295 °F	146 °C	

Notes

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