

Technical Data Sheet

Fiberfil J-60/40/E

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General		
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight	
Features	• Chemically Coupled • Homopolymer	
Automotive Specifications	• CHRYSLER MS-DB-500 ¹	
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.22 g/cm ³	1.22 g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	3.5 g/10 min	3.5 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 Stress (73°F (23°C))	13800 psi	95.0 MPa	ISO 527-2
Flexural Modulus (73°F (23°C))	870000 psi	6000 MPa	ISO 178
Flexural Stress (73°F (23°C))	21000 psi	145 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength (73°F (23°C))	6.2 ft·lb/in ²	13 kJ/m ²	ISO 180/1A

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	

Notes

¹ CPN 5340

Notes

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