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/cm³	1.22 g/cm³	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/in²	13 kJ/m²	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.