

Technical Data Sheet

# Fiberfil M-2500 BK

Polyamide 6  
 LyondellBasell Industries  
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight • Mineral, 25% Filler by Weight
Appearance	• Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.48	1.48 g/cm <sup>3</sup>	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	16000 psi	110 MPa	ASTM D638
Flexural Modulus - Secant (73°F (23°C))	1.02E+6 psi	7000 MPa	ASTM D790
Flexural Strength (73°F (23°C))	26100 psi	180 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	1.0 ft-lb/in	53 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	410 °F	210 °C	
264 Psi (1.8 Mpa), Unannealed	374 °F	190 °C	

**Notes**

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