

Fiberfil M-2450 BK9083

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Talc, 20% Filler by Weight
Features	• Copolymer
RoHS Compliance	• RoHS Compliant
Appearance	• Black
Forms	• Pellets

Density			
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	Nominal Value (English)	Nominal Value (SI)	Test Method
Mechanical	1.04 g/cm³	1.04 g/cm³	ISO 1183
Tensile Modulus (73°F (23°C))	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Tensile Stress (Yield, 73°F (23°C))	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strain (Yield, 73°F (23°C))	305000 psi	2100 MPa	ISO 527-1
Flexural Modulus (73°F (23°C))	3340 psi	23.0 MPa	ISO 527-2
Flexural Stress (73°F (23°C))	80 %	80 %	ISO 527-2
Impact	181000 psi	1250 MPa	ISO 178
Notched Izod Impact Strength	5080 psi	35.0 MPa	ISO 178
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load	13 ft·lb/in²	27 kJ/m²	ISO 180
66 Psi (0.45 Mpa), Unannealed	Nominal Value (English)	Nominal Value (SI)	Test Method
264 Psi (1.8 Mpa), Unannealed	203 °F	95.0 °C	ISO 75-2/B
	131 °F	55.0 °C	ISO 75-2/A

Notes

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

