Technical Data Sheet

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.