

Technical Data Sheet

**Fiberfil M-2450 BK9083**

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Features	• Copolymer		
Appearance	• Black		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.04 g/cm ³	1.04 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	305000 psi	2100 MPa	ISO 527-1
Tensile Stress (Yield, 73°F (23°C))	3340 psi	23.0 MPa	ISO 527-2
Tensile Strain (Yield, 73°F (23°C))	80 %	80 %	ISO 527-2
Flexural Modulus (73°F (23°C))	181000 psi	1250 MPa	ISO 178
Flexural Stress (73°F (23°C))	5080 psi	35.0 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	13 ft·lb/in ²	27 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 psi (0.45 MPa), Unannealed	203 °F	95.0 °C	ISO 75-2/B
264 psi (1.8 MPa), Unannealed	131 °F	55.0 °C	ISO 75-2/A

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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