

Technical Data Sheet

Fiberfil M-2271 NAT

Polyamide 6
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight		
Appearance	• Natural Color		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.38	1.38 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	21000 psi	145 MPa	ASTM D638
Flexural Modulus - Secant (73°F (23°C))	1.17E+6 psi	8100 MPa	ASTM D790
Flexural Strength (73°F (23°C))	35000 psi	241 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	2.3 ft-lb/in	120 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	405 °F	207 °C	

Notes

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