

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 <sup>3</sup>	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 73°F (23°C), 0.125 In (3.18 Mm)	2.3 ft-lb/in	120 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	405 °F	207 °C	ASTM D648

**Notes**

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