

Technical Data Sheet

Fiberfil FPI-15 BK

Polyamide 6
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Appearance	• Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	16000 psi	110 MPa	ASTM D638
Flexural Modulus - Secant (73°F (23°C))	711000 psi	4900 MPa	ASTM D790
Flexural Strength (73°F (23°C))	24800 psi	171 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)	1.1 ft-lb/in	60 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	392 °F	200 °C	ASTM D648

Notes

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