

Fiberfil® FPI-15 BK

Polyamide 6

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® FPI-15 BK is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	110	MPa	ASTM D638
Flexural Modulus - Secant (23°C)	4900	MPa	ASTM D790
Flexural Strength (23°C)	171	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648

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Recommended distributors for this material

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