

Fiberfil® FV-31

Polyamide 6

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® FV-31 is a Polyamide 6 (Nylon 6) material filled with 31% glass fiber. It is available in North America. Primary attribute of Fiberfil® FV-31: Heat Stabilizer.

General Information			
Filler / Reinforcement	Glass Fiber,31% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	150	MPa	ASTM D638
Flexural Modulus - Secant (23°C)	8600	MPa	ASTM D790
Flexural Strength (23°C)	244	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	208	°C	ASTM D648

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Recommended distributors for this material

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