

Technical Data Sheet

Polyfort J-60/30/E/R BK223BLK



Polypropylene, Homopolymer

Product Description

Fiberfil J-60/30/E/R is a 30% Glass Reinforced, Chemically Coupled, Post Industrial Grade Propylene

Attribute	Chemically Coupled; Homopolymer
Forms	Pellets
Appearance	Colors Available
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.13	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	72.4	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	3.5	%	ASTM D638
Flexural Modulus, (23 °C, Tangent)	5170	MPa	ASTM D790
Flexural Strength, (23 °C)	114	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	91	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	146	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	154	°C	ASTM D648