

Technical Data Sheet

Polyfort J-60/40/E BK223



Polypropylene, Homopolymer

Product Description

Polyfort J-60/40/E BK223 is a Polypropylene Homopolymer Glass Fiber, 40% filled material. Features include: Chemically Coupled, and Homopolymer.

Attribute	Chemically Coupled; Homopolymer
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ASTM D1238
Density, (Method A)	1.22	g/cm ³	ISO 1183
Mechanical			
Tensile Stress, (23 °C)	95.0	MPa	ISO 527-2
Flexural Modulus, (23 °C)	6000	MPa	ISO 178
Flexural Stress, (23 °C)	145	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	13	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	152	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648
Additional Information			
Water Absorption at 24 hrs	0.03	%	ASTM D570