

Technical Data Sheet

Polyfort J-60/40 NAT



Polypropylene, Homopolymer

Product Description

Polyfort J-60/40 NAT is a Polypropylene Homopolymer Glass Fiber, 40% filled material. Features include: Homopolymer.

Attribute	Homopolymer
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	72.4	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	7250	MPa	ASTM D790
Tensile Elongation at Break	7	%	ASTM D638
Tensile Modulus, (23 °C)	7580	MPa	ASTM D638
Flexural Strength, (23 °C)	152	MPa	ASTM D790
Impact			
Notched Izod Impact Strength	9	kJ/m ²	ISO 180