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Technical Data Sheet

Polyfort HPP40GR37HB-NA GAPEX

Polypropylene, Homopolymer

Product Description

Polyfort HPP40GR37HB-NA GAPEX is a Polypropylene Homopolymer Glass Fiber\Mineral, 40% filled material. Features include: Chemically Coupled.

Attribute	Chemically Coupled
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Glass Fiber\Mineral, 40%

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	1.23	g/cm³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	70.3	MPa	ASTM D638
Flexural Modulus			
(23 °C, 1% Secant)	6240	MPa	ASTM D790
(23 °C, Tangent)	6800	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	3.0	%	ASTM D638
Flexural Strength, (23 °C)	103	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	0.452	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	380	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	143	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648