

Technical Data Sheet

Polyfort APP30GP06GY-GY GAPEXGRY



Polypropylene, Homopolymer

Product Description

Polyfort APP30GP06GY-GY GAPEXGRY is a Polypropylene Homopolymer Glass Fiber/Mineral, 30% filled material. Features include: Homopolymer.

Attribute	Homopolymer
Forms	Pellets
Filler/Reinforcement	Glass Fiber/Mineral, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ASTM D1238
Density - Specific Gravity	1.11	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C)	44.1	MPa	ASTM D638
Flexural Strength at Yield, (23 °C)	63.4	MPa	ASTM D790
Flexural Modulus			
(23 °C, 1% Secant)	3220	MPa	ASTM D790
(23 °C, Tangent)	3510	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	5.0	%	ASTM D638
Impact			
Gardner Impact	2.26	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	360	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	37	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	132	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	154	°C	ASTM D648