

Technical Data Sheet

Polyfort FPP30GQ04UL-BK GAPEXBLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort FPP30GQ04UL-BK GAPEXBLK is a Polypropylene, Unspecified Glass Fiber/Mineral, 31% filled material. Features include: Chemically Coupled, and Impact Modified.

Attribute	Chemically Coupled; Impact Modified
Forms	Pellets
Appearance	Black
Additive	Impact Modifier
Filler/Reinforcement	Glass Fiber/Mineral, 31%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.15	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	32.4	MPa	ASTM D638
Flexural Modulus			
(23 °C, 1% Secant)	2340	MPa	ASTM D790
(23 °C, Tangent)	2460	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	4.0	%	ASTM D638
Flexural Strength, (23 °C)	53.1	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	0.565	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	210	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	53	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	102	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	138	°C	ASTM D648