

Technical Data Sheet

Polyfort SPP1A30HBBKBLK



Polypropylene, Homopolymer

Product Description

10% Talc/20% Glass Reinforced, Chemically Coupled, Heat Stabilized Homopolymer Polypropylene

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.14	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min, 23 °C, Type I)	65.5	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, 23 °C, 50.8 mm, Tangent)	4690	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	143	°C	ASTM D648
UL Information			
Flame Rating, (1.6 mm)	HB		UL 94
UL File Number, (USA)	E51193		