

Technical Data Sheet

Polyfort POLYTROPE GPP20CV04HB-BKBLK



Polypropylene Copolymer

Product Description

Polyfort POLYTROPE GPP20CV04HB-BKBLK is a Polypropylene Copolymer Calcium Carbonate, 20% filled material and is typically used in Injection Molding applications. Features include: Copolymer, and High Gloss.

Processing Method	Injection Molding
Attribute	Copolymer; High Gloss
Forms	Pellets
Appearance	Black
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	19.3	MPa	ASTM D638
Flexural Modulus			
(23 °C, 1% Secant)	1170	MPa	ASTM D790
(23 °C, Tangent)	1280	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	45	%	ASTM D638
Flexural Strength, (23 °C)	36.5	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	31.1	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	No Break		ASTM D4812
Notched Izod Impact, (23 °C)	150	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	54.4	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	110	°C	ASTM D648