

Technical Data Sheet

Polyfort PP-60/CC/30 BKBLK



Polypropylene, Homopolymer

Product Description

Polyfort PP-60/CC/30 BKBLK is a Polypropylene Homopolymer Calcium Carbonate, 30% filled material. Features include: Homopolymer.

Attribute	Homopolymer
Forms	Pellets
Filler/Reinforcement	Calcium Carbonate, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density - Specific Gravity	1.16	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	27.6	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	40	%	ASTM D638
Flexural Modulus, (23 °C, Tangent)	2450	MPa	ASTM D790
Tensile Modulus, (23 °C)	2620	MPa	ASTM D638
Flexural Strength, (23 °C)	41.4	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	27	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	95		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	73.9	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	121	°C	ASTM D648
Additional Information			
Water Absorption at 24 hrs	0.01	%	ASTM D570