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Technical Data Sheet

Polyfort PP-60/TC/30 NATLNAT

Polypropylene, Homopolymer

Product Description

Polyfort PP-60/TC/30 NATLNAT is a Polypropylene Homopolymer Talc, 30% filled material. Features include: Homopolymer.

Attribute	Homopolymer
Forms	Pellets
Filler/Reinforcement	Talc, 30%

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/cm³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	33.1	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	15	%	ASTM D638
Flexural Modulus, (23 °C, Tangent)	2760	MPa	ASTM D790
Tensile Modulus, (23 °C)	2960	MPa	ASTM D638
Flexural Strength, (23 °C)	48.3	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	27	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	90 to 95		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	85	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	132	°C	ASTM D648
Additional Information			
Water Absorption at 24 hrs	0.03	%	ASTM D570