

Technical Data Sheet

Polyfort XPP3C30NANAT

Polypropylene Copolymer

Product Description

XPP3C30NA is a 30% Talc and Calcium Carbonate Filled Polypropylene Copolymer

Processing Method	Injection Molding
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Calcium Carbonate; Talc, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	20	g/10 min	ASTM D1238
Density - Specific Gravity	1.13	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	7.5	%	ASTM D638
Tensile Strength at Yield, (23 °C)	24.6	MPa	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	69	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C