

Technical Data Sheet

Polyfort CPP-0220(18M) NANAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

20% Calcium Carbonate Filled, Impact Modified Polypropylene Melt Flow Adjustable for Application Colors Available Add "U" for UV Stabilized Add "H" for Heat Stabilized

Processing Method	Injection Molding
Attribute	Impact Modified
Appearance	Colors Available
Additive	Impact Modifier
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.05	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	24.1	MPa	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	41.4	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	96	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	60	°C	ASTM D648

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