

Technical Data Sheet

Polyfort TPP-0120QUNANAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

20% Talc Filled, Impact Modified PolypropyleneColors AvailableAdd "H" for Heat StabilizedMeets TSM-5608G-2L

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	28	MPa	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Tensile Elongation at Break	>50	%	ASTM D638
Flexural Strength	40	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	59	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	71.1	°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