

Technical Data Sheet

Polyfort CPP-0120QUC BR8072BLK



Polypropylene, Homopolymer

Product Description

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

Processing Method	Injection Molding
Attribute	Homopolymer
Appearance	Colors Available
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	27.6	MPa	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	44.8	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	43	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	62.8	°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