

**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

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Homopolymer
<b>Appearance</b>	Colors Available
<b>Filler/Reinforcement</b>	Calcium Carbonate, 20%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact, (3.18 mm)	43	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	62.8	°C	ASTM D648

<b>Injection Parameters</b>	<b>Nominal Value</b>	<b>Units</b>
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