

**Technical Data Sheet**

***Polyfort CPP5C25UVNANAT***



Polypropylene, Impact Copolymer

**Product Description**

25% CaCO3 filled, UV Stabilized Polypropylene

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow; Good Impact Resistance; UV Stabilized
<b>Forms</b>	Pellets
<b>Appearance</b>	Colors Available
<b>Filler/Reinforcement</b>	Calcium Carbonate, 25%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
<b>Mechanical</b>			
Tensile Strength, (23 °C)	18.6	MPa	ASTM D638
Tensile Elongation at Yield	11	%	ASTM D638
Flexural Modulus, (23 °C)	1730	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact, (23 °C)	640	J/m	ASTM D256

<b>Injection Parameters</b>	<b>Value</b>	<b>Units</b>
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C