

Technical Data Sheet

**Polyfort CPP5C25HFBKBLK**



Polypropylene, Impact Copolymer

**Product Description**

*Polyfort CPP5C25HFBKBLK* is a Polypropylene Impact Copolymer Calcium Carbonate, 25% filled material and is typically used in Injection Molding applications. Features include: Good Flow, and Good Impact Resistance.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ASTM D1238
Density - Specific Gravity	1.1	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	17.2	MPa	ASTM D638
Flexural Modulus, (23 °C)	1190	MPa	ASTM D790
<b>Impact</b>			
Gardner Impact	17.9	J	ASTM D5420
Notched Izod Impact, (23 °C)	640	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
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