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Technical Data Sheet

Polyfort CPP5C25UVGY302GRY



Polypropylene, Impact Copolymer

Product Description

25% CaCO₃ filled, UV Stabilized Polypropylene

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

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

Injection Parameters	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