

Technical Data Sheet

Polyfort CPP5C25HFBKBLK



Polypropylene, Impact Copolymer

Product Description

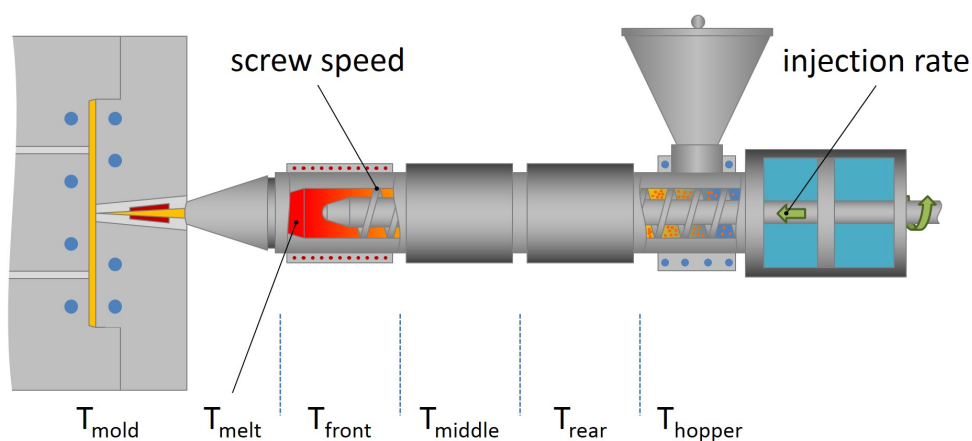
Polyfort CPP5C25HFBKBLK is a Polypropylene Impact Copolymer Calcium Carbonate, 25% filled material and is typically used in Injection Molding applications. Features include: Good Flow, and Good Impact Resistance.

Regulatory Status

For regulatory compliance information, see CPP5C25HFBKBLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Good Flow; Good Impact Resistance
Forms	Pellets
Appearance	Black
Filler/Reinforcement	Calcium Carbonate, 25%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ASTM D1238
Density - Specific Gravity	1.1	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	17.2	MPa	ASTM D638
Flexural Modulus, (23 °C)	1190	MPa	ASTM D790
Impact			
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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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