

Technical Data Sheet

Polyfort CPP5C25UVGY302GRY



Polypropylene, Impact Copolymer

Product Description

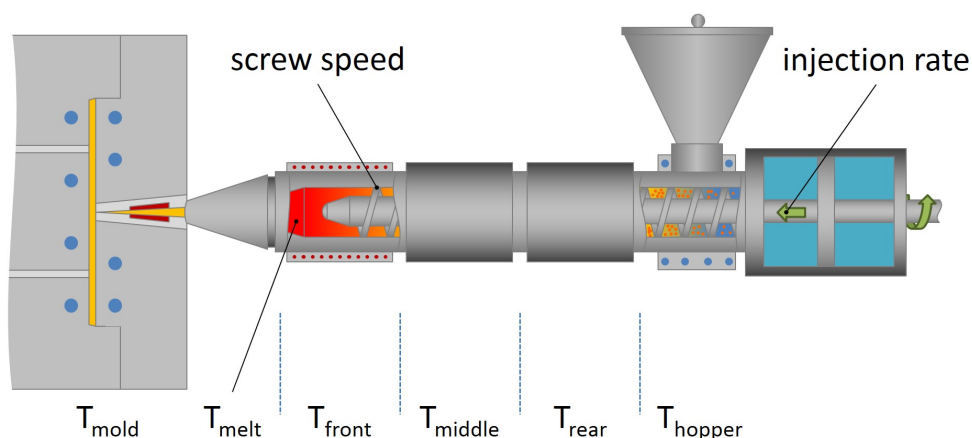
25% CaCO₃ filled, UV Stabilized Polypropylene

Regulatory Status

For regulatory compliance information, see CPP5C25UVGY302GRY [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; 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	Nominal	Units
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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

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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