Technical Data Sheet

Polyfort CPP-0220(18M) NANAT

Polypropylene, Unspecified (PP, Unspecified)

Product Description

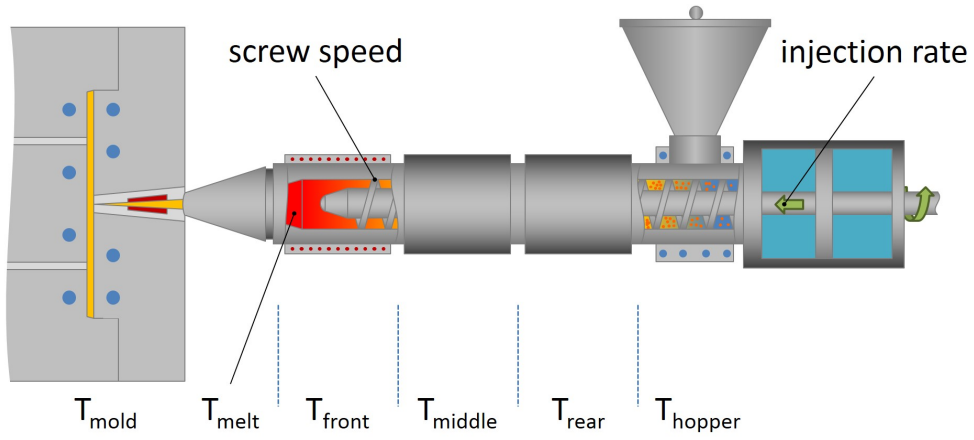
20% Calcium Carbonate Filled, Impact Modified PolypropyleneMelt Flow Adjustable for ApplicationColors AvailableAdd "U" for UV StabilizedAdd "H" for Heat Stabilized

Regulatory Status

For regulatory compliance information, see CPP-0220(18M) NANAT Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Impact Modified
Appearance	Colors Available
Additive	Impact Modifier
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.05	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield	24.1	MPa	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	41.4	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	96	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	60	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
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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