

Technical Data Sheet

Polyfort LPP20BN02HB-NANAT



Polypropylene, Homopolymer

Product Description

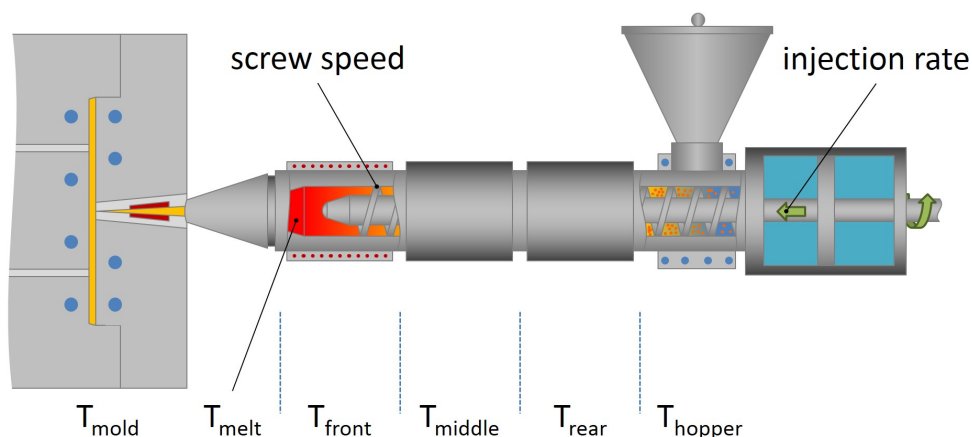
LPP20BN02HB is a 20% Calcium Carbonate-Filled Polypropylene Homopolymer

Regulatory Status

For regulatory compliance information, see LPP20BN02HB-NANAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	27.4	MPa	ASTM D638
Flexural Modulus, (Tangent)	1890	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	61	J/m	ASTM D256



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C

Nozzle Temperature	213 to 218	°C
Processing (Melt) Temp	220 to 260	°C
Front Temperature	210 to 213	°C
Middle Temperature	204 to 210	°C
Rear Temperature	202 to 204	°C
Back Pressure	0.345 to 0.689	MPa
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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