

Technical Data Sheet

Polyfort FPP 1239H-01



Polypropylene, Unspecified (PP, Unspecified)

Product Description

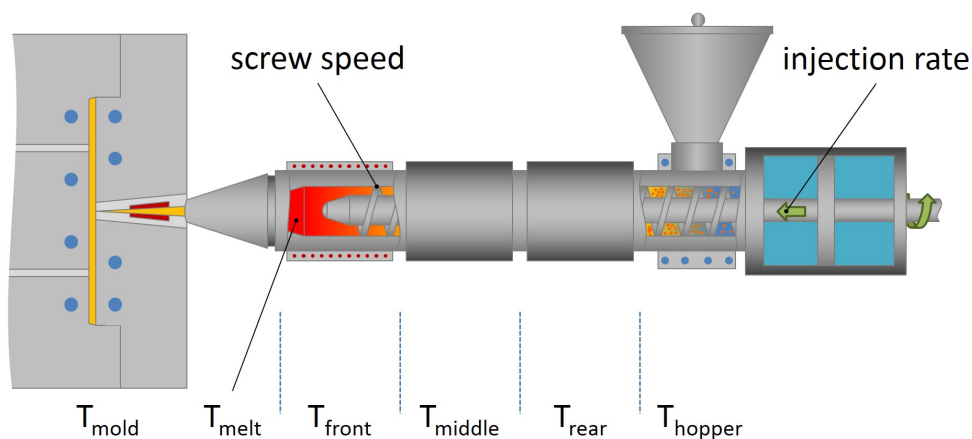
PP 30% Glass Fiber Chemically Coupled

Regulatory Status

For regulatory compliance information, see Polyfort FPP 1239H-01 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific; North America
Processing Method	Injection Molding
Attribute	Chemically Coupled
Filler/Reinforcement	Glass Fiber, 31%

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Density	1.13	g/cm ³	1.13	g/cm ³	ISO 1183
Mechanical					
Tensile Stress at Yield, (50 mm/min)			87.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)			7200	MPa	ISO 178
Impact					
Notched Izod Impact Strength			11	kJ/m ²	ISO 180
Thermal					
Deflection Temperature Under Load Unannealed (1.80 MPa)			148	°C	ISO 75-2/A
Additional Information					
Filler Content	31	%	31	%	ASTM D5630



Injection Parameters	Nominal Value	English Units	Nominal Value	SI Units
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Drying Time, -Drying is typically not required.	2.0 to 4.0 hr	2.0 to 4.0 hr
Drying Temperature, (Desiccant Dryer)	180 °F	
Processing (Melt) Temp	390-470 °F	
Injection Rate	Moderate-Fast	Moderate-Fast
Mold Temperature	60-110 °F	

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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