Technical Data Sheet

Polyfort FPP 3707U-1714 WHITEWHI

Polypropylene, Homopolymer

Product Description

Polyfort FPP 3707U-1714 is an 18% Calcium-Filled Polypropylene Homopolymer

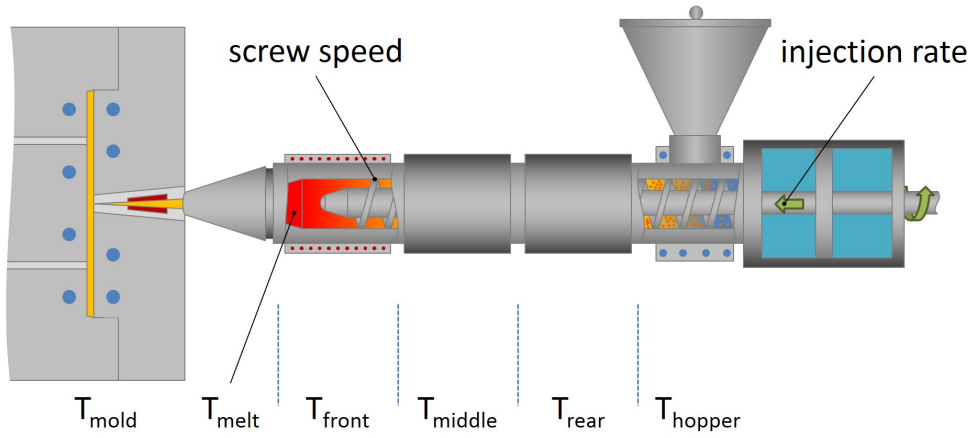
Regulatory Status

For regulatory compliance information, see *Polyfort* FPP 3707U-1714 WHITEWHI Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Appearance	White
Filler/Reinforcement	Calcium Carbonate, 18%

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	1.06	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	30.1	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	2020	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Tensile Elongation at Break	36	%	ASTM D638
Impact			
Gardner Impact	0.949	J	ASTM D5420
Notched Izod Impact	40	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	115	°C	ASTM D648
Additional Information			
Filler Content	18	%	ASTM D5630
UL Information			
Flame Rating, (1.5 mm)	HB		UL 94
UL File Number, (USA)	E51193		

Manufacturer website: https://www.lyondellbasell.com/en/



Injection Parameters	Nominal Value	Units
Drying Temperature	80	°C
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C
Injection Rate	Moderate-Fast	

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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