Technical Data Sheet

Hostacom PPH GF 30 LW LE H3 BLACK

Polypropylene, Homopolymer

Product Description

30% glass fibre reinforced PP-Homopolymer, long term heat stabilized, laser weldable, low emission. Available in black color.

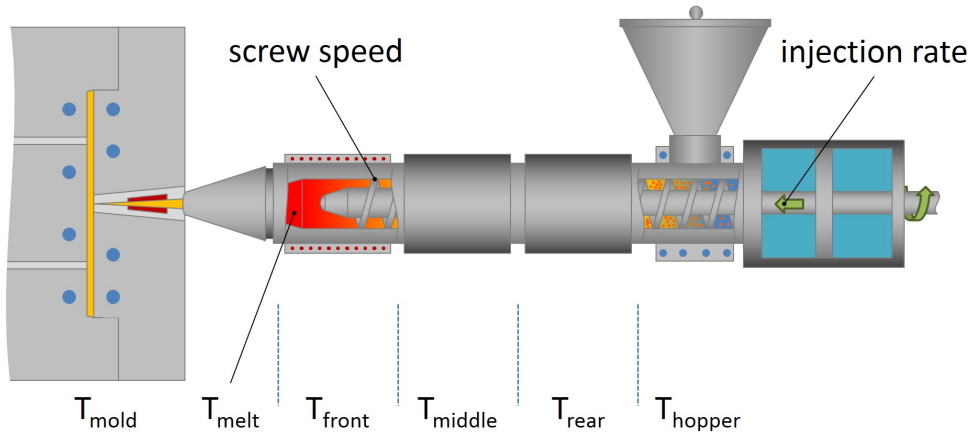
Regulatory Status

For regulatory compliance information, see *Hostacom* PPH GF 30 LW LE H3 BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Processing Method	Injection Molding
Attribute	Heat Stabilized; Homopolymer; Laser Weldable; Low Emissions

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.1	g/10 min	ISO 1133
Density	1.11	g/cm³	ISO 1183
Mechanical			
Tensile Modulus	6400	MPa	ISO 527-1
Tensile Strain at Break	3.5	%	ISO 527-2
Flexural Modulus	6200	MPa	ISO 178
Flexural Stress, (3.5%)	126	MPa	ISO 178
Tensile Stress at Break	80	MPa	ISO 527-2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	9.2	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	52	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	156	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	130	°C	ISO 75-2/A
Flammable			
Burning Rate, (2.00 mm)	<100	mm/min	FMVSS 302
UL Information			
Flame Rating			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94

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

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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