

POLIFOR® L6 GF/20

Polypropylene, homopolymer, 20% glass fiber reinforced, chemically coupled.

Rheological properties

Melt mass-flow rate	4 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	4500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	70 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.5 %	ISO 527-1/-2
Flexural Modulus	4100 MPa	ISO 178
Charpy notched impact strength, 23°C	8 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	9 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	140 °C	ISO 75-1/-2
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Flammability

Burning Behav. at thickness h	HB class	UL 94
Thickness tested	1.50 mm	UL 94
UL recognition	yes	UL 94

Other properties

Density	1040 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	50 - 80 °C

Processing Texts

Longer pre-drying times/storage	This product should be stored in a covered facility and kept away from moisture and heat.
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