

POLIFOR® L30 GF/30 H X2

POLIFOR®

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, Heat stabilized.

Product information

Resin Identification	PP-GF30	ISO 1043
Part Marking Code	>PP-GF30<	ISO 11469

Rheological properties

Melt mass-flow rate	9 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	6500 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	72 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.8 %	ISO 527-1/-2
Flexural modulus	6200 MPa	ISO 178
Flexural strength	120 MPa	ISO 178
Charpy notched impact strength, 23 °C	8 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23 °C	8.5 kJ/m ²	ISO 180/1A
Poisson's ratio	0.35 ^[C]	
[C]: Calculated		

Thermal properties

Temperature of deflection under load, 1.8 MPa	144 °C	ISO 75-1/-2
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Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	IEC 60695-11-10
Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	1130 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Renault	EP16a, No Spec, Special Part Approval, See Your CE Account Manager.	
Stellantis	B62 0300 / 61/30/G1/215E/H604	Technical Black;01994_17_00722

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