

POLIFOR® CL3 GM/30

POLIFOR®

Polypropylene, copolymer, 30% milled glass fiber reinforced

Product information

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

Rheological properties

Melt mass-flow rate	2.5 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	3200 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	25 MPa	ISO 527-1/-2
Flexural modulus	3000 MPa	ISO 178
Flexural strength	42 MPa	ISO 178
Charpy impact strength, 23°C	36 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	6 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	6 kJ/m ²	ISO 180/1A
Poisson's ratio	0.37 ^[C]	

[C]: Calculated

Thermal properties

Vicat softening temperature, 50°C/h 50N	80 °C	ISO 306
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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	1120 kg/m ³	ISO 1183
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Characteristics

Processing	Extrusion
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