

POLIFOR® CL3 GM/30

Polypropylene, copolymer, 30% milled glass fiber reinforced

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
Yield stress, 50mm/min	25 MPa	ISO 527-1/-2
Strain at break, 50mm/min	>50 %	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

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1120 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h

