

POLIFOR® L6 GFT/40 NATURALE

POLIFOR®

Polypropylene, homopolymer, 15% talc filled, 25% glass fiber reinforced, chemically coupled

Product information

Resin Identification	PP-(GF+T)40	ISO 1043
Part Marking Code	>PP-(GF+T)40<	ISO 11469

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	7400 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	70 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3 %	ISO 527-1/-2
Flexural modulus	7300 MPa	ISO 178
Flexural strength	120 MPa	ISO 178
Charpy impact strength, 23°C	40 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	7 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	8 kJ/m ²	ISO 180/1A
Poisson's ratio	0.35 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	142 °C	ISO 75-1/-2
---	--------	-------------

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	1230 kg/m ³	ISO 1183
---------	------------------------	----------

Characteristics

Processing	Injection Moulding
------------	--------------------

Additional information

Processing Notes

Storage

This product should be stored in a covered facility and kept away from moisture and heat.