

TECNOPRENE® FK6T1 LE Y1

TECNOPRENE®

Product information

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

Rheological properties

Melt mass-flow rate	1.5 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	
Moulding shrinkage, parallel	0.5 %	ISO 294-4, 2577
Moulding shrinkage range, parallel	0.3 - 0.6 %	ISO 294-4, 2577
Moulding shrinkage, normal	0.8 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.7 - 1 %	ISO 294-4, 2577

Typical mechanical properties

Tensile modulus	6950 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	86 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.5 %	ISO 527-1/-2
Flexural modulus	6750 MPa	ISO 178
Charpy impact strength, 23 °C	63 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23 °C	14 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.35 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	147 °C	ISO 75-1/-2
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Physical/Other properties

Density	1130 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Delivery form	Pellets
Special characteristics	Heat stabilised or stable to heat, Low emissions

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