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	446	°F	
Melt mass-flow rate, Load	4.76	lb	
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage range, parallel	0.3 - 0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Molding shrinkage range, normal	0.7 - 1	%	ISO 294-4, 2577

Typical mechanical properties

Tensile modulus	1.01E6	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	12500	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.5	%	ISO 527-1/-2
Flexural modulus	979000	psi	ISO 178
Charpy impact strength, 23°C	30	ftlb/in^2	ISO 179/1eU
Charpy notched impact strength, 23°C	6.66	ftlb/in^2	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	297	°F	ISO 75-1/-2

Physical/Other properties

Density	0.0408	lb/in^3	ISO 1183

Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat, Low emissions

Revised: 2024-01-23 Source: Celanese Materials Database

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