TECNOPRENE® FK8T1 LE

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Product information

Resin Identification	PP-GF40		ISO 1043
Part Marking Code	>PP-GF40<		ISO 11469

Rheological properties

Melt mass-flow rate	5	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	1.31E6	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	14500	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3	%	ISO 527-1/-2
Flexural modulus	1.22E6	psi	ISO 178
Flexural strength	23900	psi	ISO 178
Charpy notched impact strength, 23°C	6.66	ftlb/in^2	ISO 179/1eA
Izod notched impact strength, 23°C	6.18	ftlb/in^2	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	300	°F	ISO 75-1/-2

Flammability

Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	2.36	in/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	0.0437	lb/in^3	ISO 1183

Revised: 2026-08-12 Source: Celanese Materials Database

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