TECNOPRENE® VK4T1

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Product information

Resin Identification	PP-GF20	ISO 1043
Part Marking Code	>PP-GF20<	ISO 11469

Rheological properties

Melt mass-flow rate	12	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile stress at break, 5mm/min	11000	psi	ISO 527-1/-2
Flexural modulus	638000	psi	ISO 178
Flexural strength	16700	psi	ISO 178
Charpy notched impact strength, 23°C	4.76	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	4.76	ftlb/in²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	295	°F	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	262	°F	ISO 306

Flammability

Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10

Physical/Other properties

Density	0.0375	lb/in³	ISO 1183

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

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