

TECNOPRENE® VK4T1

TECNOPRENE®

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	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile stress at break, 5mm/min	76 MPa	ISO 527-1/-2
Flexural modulus	4400 MPa	ISO 178
Flexural strength	120 MPa	ISO 178
Charpy notched impact strength, 23°C	10 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	10 kJ/m ²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	146 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	128 °C	ISO 306

Flammability

Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	1040 kg/m ³	ISO 1183
---------	------------------------	----------