

TECNOPRENE® FK5U LE Black

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Glass filled polypropylene, UV stabilized, low emission

Product information

Resin Identification	PP-GF25	ISO 1043
Part Marking Code	>PP-GF25<	ISO 11469

Rheological properties

Melt mass-flow rate	6 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	70 MPa	ISO 527-1/-2
Flexural modulus	5600 MPa	ISO 178
Charpy notched impact strength, 23°C	8 kJ/m ²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	145 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	133 °C	ISO 306

Flammability

FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	54 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1080 kg/m ³	ISO 1183
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