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	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile stress at break, 5mm/min	10200	psi	ISO 527-1/-2
Flexural modulus	812000	psi	ISO 178
Charpy notched impact strength, 23°C	3.81	ftlb/in²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	293	°F	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	271	°F	ISO 306

Flammability

FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	2.17	in/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	0.039	lb/in³	ISO 1183

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

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