

THERMEC K 3350CF30

PEEK-CF30

DOMO Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	22500	MPa	ISO 527
Stress at break	240	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	345	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	325	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	130 - 160	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	370 - 400	°C	-
Mold temperature	160 - 210	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific