

Celazole[®] TK-60C

Carbon Fiber Reinforced Melt Processable PBI/PEKK

Typical Properties

PROPERTIES	ASTM METHOD	ENGLISH VALUE	METRIC VALUE
MECHANICAL			
Flex Strength	D-790	44.2 kpsi	305 MPa
Modulus		2600 kpsi	17,900 MPa
Elongation		2.1%	2.1%
THERMAL			
Glass Transition (1 st /2 nd)	DSC	340F/ 797F	171C/ 425C
Melt Point	DSC	658F	348C
Thermal Conductivity 25C/ 100C	C-518	2.4/ 2.8 BTU·in/hr·ft ² °F	0.34/ 0.41 W/mK
OTHER			
Specific Gravity		1.42	1.42
Hardness, Rockwell E	D-785	92	92

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