

# Celazole<sup>®</sup> TK-60

## Unreinforced Melt Processable PBI/PEKK

### Typical Properties

PROPERTIES	ASTM METHOD	ENGLISH VALUE	METRIC VALUE
<b>MECHANICAL</b>			
Tensile Strength	D-638	14.5 kpsi	100 MPa
Modulus		740 kpsi	5,100 MPa
Elongation		2.2%	2.2%
<b>MECHANICAL</b>			
Flex Strength	D-790	25.4 kpsi	175 MPa
Modulus		755 kpsi	5,200 MPa
Elongation		3.4%	3.4%
<b>THERMAL</b>			
Glass Transition (1 <sup>st</sup> /2 <sup>nd</sup> )	DSC	340F/ 797F	171C/ 425C
Melt Point	DSC	658F	348C
<b>OTHER</b>			
Specific Gravity		1.3	1.3
Hardness, Rockwell E	D-785	83	83
Melt Viscosity at 420C, 1000 s <sup>-1</sup>	D-3835		635 Pa-s

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