

TECAPEEK CM GF15 natural (XP92) - Stock Shapes (rods, plates, tubes)

Chemical Designation
PEEK (Polyetheretherketone)

Colour
beige

Density
1.44 g/cm³

Fillers
glass fibres

Main features
excellent strength
broad chemical compatibility
good dimensional stability
high stiffness

Target Industries
oil and gas industry
chemical and refinery industry

<i>Mechanical properties</i>	<i>parameter</i>	<i>value</i>	<i>unit</i>	<i>norm</i>	<i>comment</i>
Tensile strength	@73°F	15,000	psi	ASTM D 638	
Elongation at break (tensile test)	@73°F	3.8	%	ASTM D 638	
Flexural strength	@73°F	21,700	psi	ASTM D 790	
<i>Thermal properties</i>	<i>parameter</i>	<i>value</i>	<i>unit</i>	<i>norm</i>	<i>comment</i>
Melting temperature		649	°F	-	

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