TECAPEEK CM XP108 natural - Stock Shapes (rods, plates, tubes)

Chemical Designation
PEEK (Polyetheretherketone)

Colour
beige

Density
1.44 g/cm^3

Fillers
PTFE fibres

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

Target Industries
- oil and gas industry
- chemical and refinery industry

Mechanical properties	*condition*	*value*	*unit*	*test method*	*comment*
Tensile strength	@ 73°F	9,500	psi	ASTM D 638	
Elongation at break (tensile test)	@ 73°F	3.7	%	ASTM D 638	
Flexural strength	@ 73°F	14,100	psi	ASTM D 790	
Modulus of elasticity (flexural test)	@ 73°F	440,000	psi	ASTM D 790	

Thermal properties	*condition*	*value*	*unit*	*test method*	*comment*
Melting temperature		649	°F	-	

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