

## TECAPEEK CM XP260 natural - Stock Shapes (rods, plates, tubes)

### Chemical Designation

PEEK (Polyetheretherketone)

### Colour

dark brown

### Density

1.5 g/cm<sup>3</sup>

### Fillers

30% glass 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	parameter	value	unit	norm	comment
Tensile strength	@73°F	12,000	psi	ASTM D 638	
Modulus of elasticity (tensile test)	@73°F	1,430,000	psi	ASTM D 790	
Elongation at break (tensile test)	@73°F	1.1	%	ASTM D 638	
Flexural strength	@73°F	18,900	psi	ASTM D 790	
Modulus of elasticity (flexural test)	@73°F	1,320,000	psi	ASTM D 790	
Notched impact strength (Izod)	@73°F	0.7	ft-lbs/in	ASTM D 256	

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