

TECASINT CM natural (XP130) - Stock Shapes (rods, plates, tubes)

Chemical Designation

PI (Polyimide)

Colour

dark brown

Density

1.51 g/cm³

Fillers

30% PTFE

Main features

very high continuous use temperature
very good bearing and wear properties

Target Industries

oil and gas industry
chemical and refinery industry
others

<i>Mechanical properties</i>	<i>parameter</i>	<i>value</i>	<i>unit</i>	<i>norm</i>	<i>comment</i>
Tensile strength	@73°F	2,100	psi	ASTM D 638	
Elongation at break (tensile test)	@73°F	0.9	%	ASTM D 638	
Flexural strength	@73°F	3,600	psi	ASTM D 638	
Modulus of elasticity (flexural test)	@73°F	400,000	psi	ASTM D 790	

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