

## TECASINT CM black (XP132) - Stock Shapes (rods, plates, tubes)

### Chemical Designation

PI (Polyimide)

### Colour

black

### Density

1.4 g/cm<sup>3</sup>

### Fillers

15% graphite

### Main features

very high continuous use temperature  
good chemical resistance  
high toughness  
excellent strength  
good wear properties

### Target Industries

oil and gas industry  
chemical technology  
others

Mechanical properties	parameter	value	unit	norm	comment
Tensile strength	@73°F	14,000	psi	ASTM D 638	
Elongation at break (tensile test)	@73°F	3.0	%	ASTM D 638	
Flexural strength	@73°F	14,700	psi	ASTM D 790	
Modulus of elasticity (flexural test)	@73°F	521,000	psi	ASTM D 790	
Rockwell hardness	M Scale	119		ASTM D 785	

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Date: 2023/01/18

Version: A0