

# TECAFLON PTFE CM XP267 natural - Stock Shapes (rods, plates, tubes)

**Chemical Designation**  
PTFE (Polytetrafluorethylene)

**Colour**  
brown

**Density**  
1.99 g/cm<sup>3</sup>

**Main features**  
resistant to many oils, greases and fuels  
high thermal and mechanical capacity  
high dimensional stability

**Target Industries**  
oil and gas industry  
chemical plant engineering

<i>Mechanical properties</i>	<i>parameter</i>	<i>value</i>	<i>unit</i>	<i>norm</i>	<i>comment</i>
Modulus of elasticity (tensile test)	@73°F	288,000	psi	ASTM D 638	
Tensile strength at break	@73°F	2,500	psi	ASTM D 638	
Elongation at yield (tensile test)	@73°F	3.9	%	ASTM D 638	
Elongation at break (tensile test)	@73°F	4.3	%	ASTM D 638	
Flexural strength	@73°F	3,900	psi	ASTM D 790	
Modulus of elasticity (flexural test)	@73°F	240,000	psi	ASTM D 790	
Compression strength	@73°F; 1% strain	2,000	psi	ASTM D 695	
Compression strength	@73°F; 10% strain	4,125	psi	ASTM D 695	
Compression modulus	@73°F	100,000	psi	ASTM D 695	
Notched impact strength (Izod)	@73°F	1.9	ft-lbs/in	ASTM D 256	
Shore hardness	@73°F; D scale	68		ASTM D 2240	

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