

TECATRON PPS CM black (XP84) - Stock Shapes (rods, plates, tubes)

Chemical Designation

PPS (Polyphenylsulfide)

Colour

black

Density

1.58 g/cm³

Fillers

30% graphite

Main features

excellent chemical resistance
 excellent strength
 good slide and wear properties
 resistant to many oils, greases and fuels

Target Industries

oil and gas industry
 chemical technology
 others

<i>Mechanical properties</i>	<i>parameter</i>	<i>value</i>	<i>unit</i>	<i>norm</i>	<i>comment</i>
Tensile strength	@73°F	3,200	psi	ASTM D 638	
Elongation at break (tensile test)	@73°F	0.3	%	ASTM D 638	
Flexural strength	@73°F	4,800	psi	ASTM D 790	
Modulus of elasticity (flexural test)	@73°F	850,000	psi	ASTM D 790	
Notched impact strength (Izod)	@73°F	0.49	ft-lbs/in	ASTM D 256	

This information reflects the current state of our knowledge and is intended only to assist and advise. It is given without obligation or liability. It does not assure or guarantee chemical resistance, quality of products or their suitability in any legally binding way. Values are not minimum or maximum values, but guidelines that can be used for comparative purposes in material selection. They are within the normal range of product properties and do not represent guaranteed property values. Testing under individual application circumstances is always recommended. Data is obtained from extruded shapes material unless otherwise noted. References to FDA compliance refer to the resins from which the products were made unless otherwise noted. All trade and patent rights should be observed. All rights reserved. Data sheet values are subject to periodic review, the most recent update can be found at www.ensingerplastics.com.

Ensinger Inc. Headquarters
 365 Meadowlands Boulevard
 Washington, PA 15301, USA

Phone 800-243-3221 Sales
 Phone 800-869-4029 Technical
 Fax 724-746-9209
sales@ensingerusa.com

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