TECATRON PPS CM XP83 black - Stock Shapes (rods, plates, tubes)

Chemical Designation
PPS (Polyphenylensulfide)

Colour
black opaque

Density
1.43 g/cm^3

Fillers
carbon fibres, graphite, PTFE

production process: compression moulding

Main features
- high dimensional stability
- good chemical resistance
- high creep resistance
- good heat deflection temperature
- resistance against high energy radiation
- high stiffness
- high strength

Target Industries
- oil and gas industry

Mechanical properties	*parameter*	*value*	*unit*	*norm*	*comment*
Tensile strength		35	MPa	ASTM D 638	
Elongation at break (tensile test)		1.5	%	ASTM D 638	
Flexural strength		53	MPa	ASTM D 790	
Shore hardness	Shore D	88	MPa	ASTM D 2240	

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