



Conductive PTFE Datasheet

Typical properties of 1.2% CSC PTFE:

Property	Method	Units	Specification
Specific gravity	ASTM D792	g/cm ³	2.140 - 2.170
Tensile strength	ASTM D4894	MPa	≥ 22
Elongation	ASTM D4894	%	≥ 250
Hardness	ASTM D2240	Shore D	≥ 60
Coefficient of static friction	ASTM D1894		0.08 - 0.10
Coefficient of dynamic friction	ASTM D1894		0.06 - 0.08
Volume resistivity	ASTM D257	Ohm cm	10 ⁴
Surface resistance	ASTM D257	Ohm	10 ³
Aging and weatherability			Stable over 20 years of exposure
Service temperature		C°	-200 / +260

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