



# 40% Bronze PTFE Datasheet

Typical properties of 40% bronze PTFE:

Property	Method	Units	Specification
Specific gravity	ASTM D4884	g/cm <sup>3</sup>	3.090 - 3.140
Tensile strength	ASTM D4894	MPa	≥ 20
Elongation	ASTM D4894	%	≥ 200
Hardness	ASTM D2240	Shore D	≥ 65
Deformation under load (140 Kg/cm <sup>2</sup> for 24 h at 23° C)	ASTM D621	%	7 - 10
Permanent deformation (after 24 h relaxation at 23° C)	ASTM D621	%	4 - 5
Coefficient of static friction			0.16 - 0.18
Coefficient of dynamic friction			0.14 - 0.16
Volume resistivity	ASTM D257	Ohm/cm	10 <sup>4</sup>
Service temperature		C°	-200 / +260

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