



# WILLIAM JOHNSTON & COMPANY LIMITED

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## PTFE

# BS EN ISO 13000-2

	UNITS	ASTM TEST	PTFE
Tensile strength	psi	D-638	1,500-3,000
Flexural modulus	psi	D-790	72,000
Izod impact (notched)	ft-lbs/in of notch	D-256	3.5
Heat deflection temperature @ 66 psi	°F	D-648	250
Maximum continuous service temperature in air	°F		500
Water absorption (immersion 24 hours)	%	D-570	<0.01
Coefficient of linear thermal expansion	in/in/°Fx10 <sup>-5</sup>	D-696	8.9
Coefficient of friction (dynamic)			0.1