



WILLIAM JOHNSTON & COMPANY LIMITED

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PEEK

	UNITS	ASTM TEST	PEEK
Tensile strength	psi	D-638	14,000
Flexural modulus	psi	D-790	590,000
Izod impact (notched)	ft-lbs/in of notch	D-256	1.6
Heat deflection temperature @ 264 psi	°F	D-648	306
Maximum continuous service temperature in air	°F		480
Water absorption Immersion 24 hours	%	D-570	0.5
Coefficient of linear thermal expansion	in/in/°F x 10 ⁻⁵	D-696	2.6
Coefficient of friction (dynamic)			0.25