



WILLIAM JOHNSTON & COMPANY LIMITED

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ACETAL

	UNITS	ASTM TEST	HOMOPOLYMER ACETAL	COPOLYMER ACETAL
Tensile strength	psi	D-638	10,000	9,800
Flexural modulus	psi	D-790	420,000	370,000
Izod impact (notched)	ft-lbs/in of notch	D-256	1.5	1
Heat deflection temperature @ 264 psi	°F	D-648	257	230
Maximum continuous service temperature	°F		185	195
in air				
Water absorption (immersion 24 hours)	%	D-570	0.25	0.2
Coefficient of linear thermal expansion	in/in/°Fx10 ⁵	D-696	6.8	6.1
Coefficient of friction (dynamic)			0.2	0.21

