



WILLIAM JOHNSTON

& COMPANY LIMITED

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PET

	UNITS	ASTM TEST	PET (SEMICRYSTALLINE)
Tensile strength	psi	D-638	11,500
Flexural modulus	psi	D-790	400,000
Izod impact (notched)	ft-lbs/in of notch	D-256	0.7
Heat deflection temperature @ 264 psi	°F	D-648	175
Maximum continuous service temperature in air	°F		230
Water absorption (immersion 24 hours)	%	D-570	0.1
Coefficient of linear thermal expansion	in/in/°F $\times 10^{-5}$	D-696	3.9