




WILLIAM JOHNSTON

& COMPANY LIMITED

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POLYCARBONATE

	UNITS	ASTM TEST	POLYCARBONATE
Tensile strength	psi	D-638	9,500
Flexural modulus	psi	D-790	345,000
Izod impact (notched)	ft-lbs/in of notch	D-256	12.0-16.0
Heat deflection temperature	°F	D-648	270
@ 264 psi			
Maximum continuous service temperature in air	°F		240
Water absorption (immersion 24 hours)	%	D-570	0.15
Coefficient of linear thermal expansion	in/in/°Fx10 ⁻⁵	D-696	3.8