



WILLIAM JOHNSTON

& COMPANY LIMITED

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POLYPROPYLENE

	UNITS	ASTM TEST	POLYPROPYLENE HOMOPOLYMER	POLYPROPYLENE COPOLYMER
Tensile strength	psi	D-638	5,400	3,800
Flexural modulus	psi	D-790	225,000	215,000
Izod impact (notched)	ft-lbs/in of notch	D-256	1.2	12.5
Heat deflection temperature @ 264 psi	°F	D-648	210	190
Maximum continuous service temperature in air	°F		-	-
Water absorption (immersion 24 hours)	%	D-570	slight	slight
Coefficient of linear thermal expansion	in/in/°Fx10 ⁻⁵	D-696	-	-