



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	-	-

Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.