



WILLIAM JOHNSTON & COMPANY LIMITED

Glasgow Tel: +44 (0) 141 620 1666 | Inverness Tel: +44 (0) 1463 238 673

sales@williamjohnston.co.uk

www.williamjohnston.co.uk

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	%	D-570	0.25	0.2
24 hours)				
Coefficient of linear thermal expansion	in/in/°Fx10 ⁵	D-696	6.8	6.1
Coefficient of friction (dynamic)			0.2	0.21

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.