



## WILLIAM JOHNSTON & COMPANY LIMITED

Glasgow Tel: +44 (0) 141 620 1666 | Inverness Tel: +44 (0) 1463 238 673  
[sales@williamjohnston.co.uk](mailto:sales@williamjohnston.co.uk) | [www.williamjohnston.co.uk](http://www.williamjohnston.co.uk)

**Off-White Food Quality GENUINE Viton® (DuPont A) Rubber 65° shore WJ280**  
**FDA 21 CFR No: 177 – 2600, EU1935/2004.**

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.95 ± 0.05	ASTM D297	1.95 ± 0.05
HARDNESS	DIN 53505	65 ± 5 SH A	ASTM D2240	65 ± 5 SH A
TENSILE STRENGTH (KG/CM2)	DIN 53504	853 PSI	ASTM D412	60 KG/CM2
ELONGATION AT BREAK (MIN)	DIN 53504	350%	ASTM D412	350%
COMPRESSION SET (150°C/24 HRS/25% SET) (MAX)	DIN 53517	40%	ASTM D395 METHOD B	40%
CHANGE IN PROPERTIES				
HEAT AGEING (72 HRS. AT 150 °C)			ASTM D573	
--- HARDNESS (PTS)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+ 10 / -10		+ 10 / - 10
--- ELONGATION AT BREAK (%)		+15 / -15		+15 / -15
VOLUME SWELL: AT 150°C FOR 24 HRS/IN			ASTM D 471	
IRM OIL NO.901		-6%		-6%
IRM OIL NO.902		-1%		-1%
IRM OIL NO.903		+5%		+5%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		VERY GOOD		VERY GOOD
--- SOLVENTS		VERY GOOD		VERY GOOD
TEMPERATURE RANGE		-30° TO + 275° C		-30° TO + 275° C
COLOUR		OFF WHITE		

Failure to select the correct materials or products can result in damage to plant and equipment and personal injury. In specific applications, where critical conditions exist, we suggest you contact us, and we will consider with you the most suitable material or product. However, information supplied by William Johnston & Company Limited is intended only as technical co-operation and as a guide to the various uses of different products. No warranty is given in respect of information or recommendations by William Johnston & Company Limited which are only given for guidance and without any guarantee. The customer must satisfy themselves on the suitability of the material or product for the intended purpose. The correct fitting of products particularly is the responsibility of the customer.