



WILLIAM JOHNSTON & COMPANY LIMITED

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Off-White Natural Rubber to BS1154 Y40 WJ221

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	BS 903: PART A1			1.1
HARDNESS	BS 903: PART A26			40 ± 5 IRHD
TENSILE STRENGTH (KG/CM ²)	BS 903: PART A2			190
ELONGATION AT BREAK (MIN)	BS 903: PART A2			600%
COMPRESSION SET (70 °C/24 HRS/25% SET) (MAX)	BS 903: PART A6			30%
TEAR RESISTANCE (ANGULAR) MIN	BS 903: PART A3			30 KG/CM
ABRASION RESISTANCE				120
CHANGE IN PROPERTIES				
HEAT AGEING (168 HRS. AT 70°C)	BS 903: PART A 19			
--- HARDNESS (PTS)	BS 903: PART A26			+ 5 / -5 (MAX)
--- TENSILE STRENGTH (%)	BS 903: PART A2			-10 (MAX)
--- ELONGATION AT BREAK (%)	BS 903: PART A2			-15(MAX)
POLYMER CONTENT (NATURAL RUBBER)				100%
ADDITIONAL INFORMATION - CHEMICAL RESISTANCE				
--- OZONE	BS 903: PART A43			NOT RECOMMENDED
--- DILUTE ACIDS AND BASES	BS 903: PART A16			NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES				NOT RECOMMENDED
--- OILS				NOT RECOMMENDED
--- SOLVENTS				NOT RECOMMENDED
TEMPERATURE RANGE				-20° TO + 70°C
COLOUR		OFF WHITE		

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.