



# WILLIAM JOHNSTON & COMPANY LIMITED

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## Peroxide Cured EPR Heat Resistant Rubber Sheet 60° Shore WJ1457

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
Hardness (°Shore A)	ISO 7619-1	60 ± 5
Tensile strength (Kgf/cm <sup>2</sup> ), min	ISO 37	60
Elongation at break (%), min	ISO 37	300
Abrasion resistance (mm <sup>3</sup> ), min	ISO 37	250
Density (g/cm <sup>3</sup> )	ISO 2781	1.16±0.05
Compression set (24h at 70°C, 25% set) (%), max	ISO 815	45
Tear resistance (angular) (kgf/cm), min	ISO 34	45
Resistance to ozone (50 pphm x 40°C, 20% elongation x22h)		No cracks
Weather resistance		Good
Oil resistance		Not resistant
Benzine resistance		Not resistant
Acid resistance		Good
Strong bases resistance		Good
Temperature range		-30 to 180°C
Resistance to accelerated ageing (168h at 180°C)		
-decrease in tensile strength (%), max	ISO 188	60
-decrease in elongation at break (%), max	ISO 188	80
-hardness increase Shore A, max °	ISO 188	30

**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.