



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

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 ²), min	ISO 37	60
Elongation at break (%), min	ISO 37	300
Abrasion resistance (mm ³), min	ISO 37	250
Density (g/cm ³)	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

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.