



AS Rubber & Plastics Limited

Elwell Street, West Bromwich B70 0DN

Tel: 0121 520 5782 Fax: 0121 520 3515

Website: www.asrubber.com Email: info@asrubber.com

Specification Sheet

AS630 Chemically Cross Linked Polyethylene Black/White

<u>Properties</u>	<u>Test Method</u>	<u>Unit</u>	<u>Value</u>
Density	ISO-845	Kg/m ³	30
Tensile Strength	ISO-1798	kPa	282
Elongation	ISO-1798	%	189
Compressive strength			
Deflection 10%	ISO-844	kPa	44
Deflection 25%	ISO-844	kPa	62
Deflection 50%	ISO-844	kPa	122
Compression set			
0.5 hours	ISO-1856	%	12
24 hours	ISO-1856	%	4
Compression set 50%			
0.5 hours	ISO-1856	%	28
24 hours	ISO-1856	%	16
Working Temperature Range	Internal	Deg C	-60 / 90
Water Absorption (Max) (Vol)	Internal	%	1
Water Vapour Transmission	ISO-1663	g M2 *24hr	1.30

Thermal Conductivity	ASTM C177	W/mK	
At 10°C			0.039
At 40°C			0.041
Shore OO	ASTM D2240	OO	54
Flammability	FMVSS302	mm/min	55