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Specification Sheet

AS667 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	60
Tensile Strength			
MD	ISO-1798	kPa	605
TD	ISO-1798	kPa	484
Elongation			
MD	ISO-1798	%	127
TD	ISO-1798	%	147
Compressive strength			
Deflection 10%	ISO-844	kPa	66
Deflection 25%	ISO-844	kPa	89
Deflection 50%	ISO-844	kPa	170
Compression set			
0.5 hours	ISO-1856	%	8
24 hours	ISO-1856	%	3
Compression set 50%			
0.5 hours	ISO-1856	%	30
24 hours	ISO-1856	%	17
Working Temperature Range	Internal	Deg C	-60 / 90

Water Absorption (Max) (Vol)	Internal	%	1
Water Vapour Transmission	ISO-1663	g M2 *24hr	1.15
Thermal Conductivity	ASTM C177	W/mK	
At 10°C			0.0400
At 40°C			0.0420
Shore A	ASTM D2240	A	25