



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

AS610 Reticulated PE/EPDM

POLYETHYLENE CHEMICAL CROSS LINKED CELL -30 KG/M3 - LEX

<u>Properties</u>	<u>Test Method</u>	<u>Unit</u>	<u>Value</u>
DENSITY	53420	Kg/m3	30 +/- 3
TENSILE STRENGTH LENGTHWAYS CROSSWAYS	53571	N/mm2	> 0,17 > 0,15
ELONGATION AT BREAK 53571 LENGTHWAYS CROSSWAYS		%	> 90 > 100
HARDNESS		Sh A	14 +/- 3
OPERATING TEMPERATURE Bending Trial	51949	°C	- 30
RANGE Dimensional Stability	53431	°C	+ 80
COMPRESSION SET 22 h, 25%,23°C After compression release			
0,5 h	53572*	%	< 15
24 h	53572*	%	< 8
100 h	53572*	%	< 4

WATER VAPOUR PERMABILITY	52615	ng/Pa s m	0,12
ELECTRICAL CONDUCTIVITY	Norma CEI 15 -23	Ohm x m	> 100
THERMAL CONDUCTIVITY		Kcal/h m °C	λ=0,0340

In Rolls or in Sheets
Width Up to 2000mm
Length 50 or 100 L.M. depends to the thickness

TECHNICAL PROPERTIES

Compound based by different polyolefin elastomeric polymers, with densities ranging from 30 to 300 KG/M3 in various colours and thicknesses.

With respect to the normal polyethylene, present characteristics of greater elasticity and adapts more easily to multiple uses.

PHYSICAL CHARACTERISTICS CHEMICAL

Regular cellular structure
Resistance to organic solvent
Good tensile strength and tearing
Good resistance to ageing
Ease of processing and application of adhesives on foam

AREA OF USE

Automotive
Building Construction
Air Conditioning
Sport and Leisure

HEALTH

No asbestos, CFC-free, without smell gas expansion