

Material Reference AR118

Grey Expanded Closed Cell Neoprene (Sponge)

Material Reference – AR118

Colour – Grey

Issue Date – October 2015

Description	Standard	Value	Unit
ASTM D1056- 14 Classification	2C2 B3 M		
Density	ASTM D3575	130 -170	Kgm/mtrs ³
Compression Deflection (25%)	ASTM D1056	20 – 40	kPa
Compression Deflection (50%)	ASTM D1056	50 – 70	kPa
Compression Set (25%/22h/23°C) After24 hrs	ASTM D1056	2 – 4	kPa
Compression Set (50%/22h/23°C) After24 hrs	ASTM D1056	15 – 35	kPa
Shrinkage (22h/70°C)	ASTM D573	5 -10	%
Shore Hardness		40 – 50	OO
Elongation	ASTM0412	150/200	%
Temperature Range (Constant)		-40 / +80	°C
Temperature Range (Intermittent)		+90	°C
Water Absorption (Max Weight Change)	ASTM D1056	1 – 2	%
Tensile Strength	ASTM D412	530 – 600	kPa
Flame Resistance (> 3mm)	UL94-HF1	Pass	> 3mm
Flame Resistance (> 3mm)	FMVSS302	Pass	
Environmental Protection		CFC and HCFC Free	

The information above has been copied from the manufacturer/distributors data sheets.

Data test is intended to be used for guidance and comes without warranty or guarantee.

As individual operating conditions influence the application of each product the information supplied in this data sheet can only be seen as a rough guide.

It is the responsibility of you the customer to assess the suitability of the product supplied for the purpose for which it is to be used.

Data sheet is subject to alteration without prior notice.

This data sheet supersedes all previous data sheets.

Terms and conditions apply.

(Ref 01/12/01)