



## SPECIFICATION SHEET

### AL16 SILICONE RUBBER SPONGE (Extruded)

Desc.	Standard	Value	Unit
Density *	BSENISO 845	250 +/- 40	Kg/m3
Shore Hardness **	ASTM D2240	42 +/- 5	OO
Compression Stress 40% Strain ***	BSENISO 3386 Pt's 1 & 2	90 +/- 40	kPa
Tensile Strength (Min)	BSENISO 1798	0.5	MPa
Elongation to Failure (Min)	BSENISO 1798	100	%
50% Compression Set (22hrs/70°C) – After 24hrs	BSENISO 1856	15 (Max)	%
50% Compression Set (22hrs/100°C) – After 24hrs	BSENISO 1856	15 (Max)	%
Environmental		CFC Free	
Temperature Range (Constant)		-60 to +200	°C

\* Measured on 25mm diameter cord. Density of different sizes will vary from the figure stated.

\*\* Hardness measured on 10mm thick sample. At less than 10mm hardness will increase with density.

\*\*\* Compression stress measured on samples as specified by BSENISO 3386. Result will vary from that quoted on samples of varying size.

#### General Information

Product meets the flammability requirements of FAR 25/JAR25/CS 25 Appendix F, Part 1(a)(1)(iv) and (a)(1)(v) horizontal flammability test and Automotive Standard Part 571FMVSS302.

The product in white has been approved by the WRAS (Water Regulations Advisory Service) for use in contact with potable water at temperatures up to 85°C.

*The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.*

*We recommend evaluation prior to use to ascertain the suitability of the material for the application.*

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