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## Specification Sheet / 01

### A346-45KG Closed Cell Cross-Linked Polyethylene Foam Block



Certificate No. 11738-EMS-001  
ISO 9001:2015 ISO 14001:2015

Description	Standard	Value	Unit
Density	ISO 845	40	Kg/m <sup>3</sup>
Tensile Strength	ISO 1798	413	kPa
Elongation	ISO 1798	184	%
Compression 10%	ISO 844	58	kPa
Compression 25%	ISO 844	70	kPa
Compression 50%	ISO 844	135	kPa
Compression Set - 0.5hrs	ISO 1856	15	%
Compression Set - 24hrs	ISO 1856	4	%
Water Absorbtion % Vol (Max)	Internal	1	%
Working Temperature Range	Internal	-60 / 90	°C
Thermal Conductivity at 10C	ASTM C177	0.0444	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0460	W/mK
Flammability	FMVSS302	46	mm/min
Shore.	FMVSS302	57	oo.

If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m<sup>2</sup> sheet are acceptable.

Data represents typical values measured on a 10mm thick specimen and should be considered as guidelines only.

Change Control Date	Change
22/1/16	Created



The above figures are average values.

We recommend that you examine any material you select to ensure its suitability for your application.  
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.  
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

