

Specification Sheet / 01

A346 45kg Closed Cell Cross-Linked Polyethylene Foam Block



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Description	Standard	Value	Unit
Density	ISO 845	45	Kg/m ³
Tensile Strength	ISO 1798	448	kPa
Elongation	ISO 1798	209	%
Compression 10%	ISO 844	77	kPa
Compression 25%	ISO 844	96	kPa
Compression 50%	ISO 844	159	kPa
Compression Set - 0.5hrs	ISO 1856	6	%
Compression Set - 24hrs	ISO 1856	2	%
Compression set 50% 0.5hrs	ISO 1856	27	%
Compression set 50% 24hrs	ISO 1856	7	%
Water Absorbtion % Vol (Max)	Internal	1	%
Working Temperature Range	Internal	-60 / 90	°C
Thermal Conductivity at 10C	ASTM C177	0.039	W/mK
Thermal Conductivity at 40C	ASTM C177	0.041	W/mK
Shore - OO	ASTM D2240	61	oo
FR Standards	FMVSS302	Passed at > 10mm	

Dimensional stability 24 hr at 70c <2%
Dimensional stability 24 hr at 90c <5%
If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m² sheet are acceptable.

Compliant with	
Rohs 2, RoHS 3, and REACH	Conflict Mineral Reporting Template (CMRT)

Average values taken from the centre of the block.
Additional data available upon request.
MSDS available upon request.
This information on A346 45kg is presented to the best of our knowledge.
Data represents typical values measured on a 10mm thick specimen and should be considered as a guideline only.

Disclaimer: The material declaration provided to you is accurate to the best of our knowledge. We have made every effort to ensure the accuracy and reliability of this information. We cannot, however, guarantee this data's full accuracy or completeness. We are not responsible for any errors or omissions in the material declaration. We are also not responsible for any future damages that may result from any inappropriate use of this material

Change Control Date	Change
22/05/2014	Created
29/03/2023	Last Update



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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

