

Specification Sheet / 01 A346 (60kg) Closed Cell Cross-Linked Polyethylene Foam



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Description	Standard	Value	Unit
Density	ISO 845	60 ($\pm 15\%$)	Kg/m ³
Tensile Strength	ISO 1798	581	kPa
Elongation	ISO 1798	118	%
Compression 10%	ISO 844	88	kPa
Compression 25%	ISO 844	110	kPa
Compression 50%	ISO 844	178	kPa
Compression Set 25% 0.5hrs	ISO 1856	9	%
Compression Set 25% 24hrs	ISO 1856	3	%
Compression Set 50% 0.5hr	ISO 1856	28	%
Compression Set 50% 24hr	ISO 1856	14	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorbtion % Vol (Max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.3	g/m ² (24h)
Thermal Conductivity at 10C	ASTM C177	0.0400	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0430	W/mK
Shore - OO	ASTM D2240	64	oo
FR Standards	FMVSS302	Passed at > 10mm	

Compliant with

Rohs 2, RoHS 3, and REACH

Conflict Mineral Reporting Template (CMRT)

Average values taken from the center of the block.

Dimensional Stability 24hr at 70°C < 2%

Dimensional Stability 24hr at 90°C < 5%

Additional data available upon request.

MSDS available upon request.

This information on Palfoam 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 Updated



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.

