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Specification Sheet / 01
A346-100kg Closed Cell Cross-Linked Polyethylene Foam Block

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Description	*Standard*	*Value*	*Unit*
Density	ISO 845	100	Kg/m³
Tensile strength	ISO 1798	1352	kPa
Elongation	ISO 1798	110	%
Compression 10%	ISO 844	186	kPa
Compression 20%	ISO 844	222	kPa
Compression 50%	ISO 844	321	kPa
Compression Set - 0.5 Hrs	ISO 1856	5.0	%
Compression Set - 24 Hrs	ISO 1856	3.0	%
Compression Set 50% - 0.5 Hrs	ISO 1856	16.0	%
Compression Set 50% - 24 Hrs	ISO 1856	8.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmition	ISO 1663	1.3	g/m² (24h)
Thermal Conductivity at 10°C	ASTM C177	0.0500	W/mK
Thermal Conductivity at 40°C	ASTM C177	0.0520	W/mK
FR Standards	FMVSS302	Passed at > 10mm	
Dimensional stability 24 hr at 70C < 2%.			
Dimensional Stability 24hr at 90°C < 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 center of the block.
Additional data available upon request.
MSDS available upon request.
This information on A346 100kg 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*
05/04/2016	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 WI007 (https://bit.ly/3nKm6Hj) unless otherwise stated.
Our standard terms and conditions of trading (https://bit.ly/3b3mThw) apply at all times.