

# Specification Sheet / 01

## A344 PE/EVA 125KG Closed Cell Cross-Linked Foam Block



ISO9001, ISO14001, ISO45001  
Certificate Ref: 11738

Description	Standard	Value	Unit
Density	ISO 845	125	Kg/m <sup>3</sup>
Tensile strength	ISO 1798	1655	kPa
Elongation	ISO 1798	168	%
Compression 10%	ISO 844	178	kPa
Compression 20%	ISO 844	225	kPa
Compression 50%	ISO 844	352	kPa
Compression Set - 0.5 Hrs	ISO 1856	4.0	%
Compression Set - 24 Hrs	ISO 1856	2.0	%
Compression Set 50% - 0.5 Hrs	ISO 1856	8.0	%
Compression Set 50% - 24 Hrs	ISO 1856	5.0	%
Working Temperature Range	Internal	-60 / 80	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.50	g/m <sup>2</sup> *24h
Thermal Conductivity at 10°C	ASTM C177	0.0600	W/mK
Thermal Conductivity at 40°C	ASTM C177	0.0700	W/mK
Shore - A	ASTM D2240	34	A
Shore - OO	ASTM D2240	79	oo

Approved for food contact - FDA approved - CFR 21 , SII 5113

Tolerances other than the above may be negotiated.

Dimensional stability 24 hr at 70C < 2%.

If holes were created during the foaming process, no more than 5 holes of diameter 2mm per 1m2 sheet are acceptable.

Change Control Date	Change
15/08/2013	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.

