

# Specification Sheet / 01

## A339 - Cross Linked Closed Cell Polyethylene Foam



ISO9001, ISO14001, ISO45001  
Certificate Ref: 11738

Description	Test	Standard value	Unit
Density	ISO 845	25	Kg/m <sup>3</sup>
Tensile Strength - MD	ISO 1798	291	kPa
Tensile Strength - TD	ISO 1798	237	kPa
Elongation - MD	ISO 1798	100	%
Elongation - TD	ISO 1798	115	%
Compression 10%	ISO 844	20	kPa
Compression 25%	ISO 844	39	kPa
Compression 50%	ISO 844	98	kPa
Compression Set – 0.5 Hrs	ISO 1856	14	%
Compression Set – 24 Hrs	ISO 1856	5.5	%
Working Temperature Range	Internal	-60 \ 80	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	0.97	g/m <sup>2</sup> *24h
Thermal Conductivity at 10C	ASTM C177	0.0390	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0460	W/mK
Flammability	FMVSS302	94	mm/min

GA25 is a closed cell cross-linked polyethylene foam sheet

Tolerances other than the above may be negotiated.

Dimensional stability 24 hr at 70C < 2%.

If pinholes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m<sup>2</sup> of sheet are acceptable. UV Stability Poor. Colours available White/Black

MD – machine direction – along the extruder' s axis.

TD – traverse direction – Perpendicular to the extruder' s axis.

This information on GA25 chemically cross-linked polyethylene foam is presented to the best of our knowledge. Data represents typical values measured on a 10mm thick specimen and should be considered as guidelines only.

Change Control Date	Change
30/08/2013	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.

