

Specification Sheet / 01

A338 -Non-Cross Linked Closed Cell Polyethylene Foam



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Description	Test	Standard value	Unit
Density	ASTM D3575-08 Suffix W ISO 845:2006	24	Kg/m ³
Cell Size	BS 4443/1 Met.4	>21	Cells/25mm
Tensile Elongation MD/CD	ASTM D3575-08 Suffix T ISO 1798: 2008	67 / 52	%
Tensile strenght @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798:2008	180 / 150	Kpa
Thermal Stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO 2796	<2	%
Thermal Conductivity	ASTM D3575-08 Suffix L ISO 2896: 1986	< 3	Volume %
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	17/14	N/cm

Compressive Strength (100mm/min compression speed)			
Vertical @ 25%	Astm D3575-08 Suffix D ISO 7214:2007	40	kPa
Vertical @ 50%	ASTM D3575-08 Suffix D ISO 7214:2014	90	Kpa
25% (4th compression)	ISO 3386 1986 part 1 DIN 53577	28	Kpa
50% (4th compression)	ISO 3386 1986 part 1 DIN 53577	83	kPa
70% (4th compression)	ISO 3386 1986 part 1 DIN 53577	200	kPa

Compression set			
50% Compression	ASTM D3575-08 Suffix B	<10	%

Compressive Creep (1psi-7kg/dm²)			
168 hrs	ASTM D3575-08 Suffix BB	<10	%
1000 hrs	ASTM D3575-08 Suffix BB	<15	%

Notice

A338 is a CFC and HCFC free closed cell cross-linked polyethylene foam sheet

If pinholes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m² of sheet are acceptable. UV Stability Poor. Colours available White/Black

Tolerances other than the above may be negotiated.

Users should test each application to determine suitability of the product for intended use.

This information on A338 chemically cross-linked polyethylene foam is presented to the best of our knowledge. Data represents typical values measured on a specimen and should be considered as guidelines only.

Change Control Date	Change
30/06/2023	Created

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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.



ASG