

Specification Sheet / 01

A346 P Closed Cell Cross-Linked Polyethylene Foam Block



Description	Standard	Value	Unit
Density	ISO 845	45	Kg/m ³
Tensile Strength	ISO 1798	478	kPa
Elongation	ISO 1798	224	%
Compression 10%	ISO 844	88	kPa
Compression 25%	ISO 844	103	kPa
Compression 50%	ISO 844	172	kPa
Compression Set - 0.5hrs	ISO 1856	7	%
Compression Set - 24hrs	ISO 1856	2	%
Compression set 50% 0.5hrs	ISO 1856	20	%
Compression set 50% 24hrs	ISO 1856	7	%
Water Absorbtion % Vol (Max)	Internal	1	%
Working Temperature Range	Internal	-60 / 90	°C
Thermal Conductivity at 10C	ASTM C177	0.0440	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0460	W/mK
Shore - OO	ASTM D2240	61	oo
Flammability	FMVSS302	35	mm/min

Dimensional stability 24 hr at 70c <2%

Dimensional stability 24 hr at 90c <5%

If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m² sheet are acceptable.

Data represents typical values measured on a 10mm thick specimen and should be considered as guidelines only.

Change Control Date	Change
22/05/2014	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.

