

# Specification Sheet / 01

## A345 P Closed Cell Cross-Linked Polyethylene Foam Block



Description	Standard	Value	Unit
Density	ISO 845	25	Kg/m <sup>3</sup>
Tensile Strength	ISO 1798	252	kPa
Elongation	ISO 1798	161	%
Compression 10%	ISO 844	34	kPa
Compression 25%	ISO 844	52	kPa
Compression 50%	ISO 844	113	kPa
Compression Set - 0.5hrs	ISO 1856	16.0	%
Compression Set - 24hrs	ISO 1856	4.0	%
Compression Set 50% - 0.5hrs	ISO 1856	33.0	%
Compression Set 50% - 24hrs	ISO 1856	21.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorbtion % Vol (Max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.28	g/m <sup>2</sup> *24h
Thermal Conductivity at 10C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0410	W/mK
Shore - OO	ASTM D2240	46	oo
Flammibility	FMVSS302	67	mm/min

Dimensional stability 24 hr at 70c <2%

If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m<sup>2</sup> sheet are acceptable.

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

Change Control Date	Change
16/08/2013	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.

