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## Specification Sheet / 01

### PA165 Closed Cell Cross-Linked Polyethylene Foam Block



Certificate No. 11738-EMS-001  
ISO 9001:2015 ISO 14001:2015

Description	Standard	Value	Unit
Density	ISO 845	165	Kg/m <sup>3</sup>
Tensile strength	ISO 1798	1870	kPa
Elongation	ISO 1798	155	%
Compression 10%	ISO 844	346	kPa
Compression 25%	ISO 844	423	kPa
Compression 50%	ISO 844	622	kPa
Compression Set - 0.5 Hrs	ISO 1856	4.0	%
Compression Set - 24 Hrs	ISO 1856	3.0	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Thermal Conductivity at 10°C	ASTM C177	0.0800	W/mK
Shore-A	ASTM D2240	45	A
Shore-00	ASTM D2240	85	00
Dimensional stability 24 hr at 70°C		< 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.

Change Control Date	Change
02/08/2013	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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.  
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

