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Specification Sheet / 01
Closed Cell Cross-Linked Polyethylene Foam Block 65 kg/m³

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Description	***Standard***	***Value***	***Unit***
Density	ISO 845	65	Kg/m³
Tensile Strength	ISO 1798	1034	kPa
Elongation	ISO 1798	104	%
Compression 10%	ISO 844	107	kPa
Compression 25%	ISO 844	132	kPa
Compression 50%	ISO 844	214	kPa
Compression Set - 0.5hrs	ISO 1856	6	%
Compression Set - 24hrs	ISO 1856	2	%
Compression Set 50% - 0.5hrs	ISO 1856	15	%
Compression Set 50% - 24hrs	ISO 1856	7	%
Working Temperature Range	Internal	-60 / 80	°C
Water Absorbtion % Vol (Max)	Internal	1	%
Thermal Conductivity at 10C	ASTM C177	0.0500	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0550	W/mK
Shore - OO	ASTM D2240	70	oo
Shore - A	ASTM D2240	23	A
Dimensional stability 24 hr at 70c <2%			
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***
28/02/2019	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.