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Specification Sheet / 01
A345 33 FR Closed Cell Cross-Linked Polyethylene Foam Block

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

Description	*Test*	*Standard Value*	*Unit*
Density	ISO 845	33	Kg/m³
Tensile Strength	ISO 1798	274	kPa
Elongation	ISO 1798	175	%
Compression 10%	ISO 844	43	kPa
Compression 25%	ISO 844	59	kPa
Compression 50%	ISO 844	120	kPa
Compression Set – 0.5 Hrs	ISO 1856	17.0	%
Compression Set – 24 Hrs	ISO 1856	5.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	28.0	%
Compression Set 50% 24 Hrs	ISO 1856	18.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.65	g/m²*24h
Thermal Conductivity at 10°C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40°C	ASTM C177	0.0420	W/mK
Shore-OO	ASTM D2240	54	oo
FR Standard	DIN 4102-1 B2		
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 1 m² sheet are acceptable.
FR standards: UL94 HF-1 , EN 11925-2 CLASS E .

Tolerances other than the above may be negotiated.

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 WI007 (https://bit.ly/3nKm6Hj) unless otherwise stated.
Our standard terms and conditions of trading (https://bit.ly/3b3mThw) apply at all times.