

Specification Sheet / 01 A341 33 FR Closed Cell Cross-Linked Polyethylene Foam Block



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Description	Test	Standard Value	Unit
Density	ISO 845	33	Kg/m ³
Tensile Strength	ISO 1798	282	kPa
Elongation	ISO 1798	184	%
Compression 10%	ISO 844	41	kPa
Compression 25%	ISO 844	59	kPa
Compression 50%	ISO 844	117	kPa
Compression Set – 0.5 Hrs	ISO 1856	13.0	%
Compression Set – 24 Hrs	ISO 1856	7.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	28.0	%
Compression Set 50% 24 Hrs	ISO 1856	21.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.3	g/m ² (24h)
Thermal Conductivity at 10°C	EN 12667	0.034	W/mK
Thermal Conductivity at 40°C	EN 12667	0.037	W/mK
Shore-OO	ISO868	50	oo
FR Standard	FMVSS302, UL94 HF-1, EN 11925-2 CLASS E DIN 4102-1 CLASS B2	Passed at >10mm	
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.

Tolerances other than the above may be negotiated.

Compliant with

RoHS 2, RoHS 3, and REACH

Conflict Mineral Reporting Template (CMRT)

Average values taken from center of the block.

Dimensional Stability 24hr at 70°C < 2%

Dimensional Stability 24hr at 90°C < 5%

Additional data available upon request.

MSDS available upon request.

This information on A341 33 FR is presented to the best of our knowledge.

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

Disclaimer: the material declaration provided to you is accurate to the best of our knowledge. We have made every effort to ensure the accuracy and the reliability of this information. We cannot, however, guarantee this date's full accuracy or completeness. We are not responsible for any error or omissions in the materila declaration. We are also not responsible for any future damages that may result from any inappropriate use of this material.

Change Control Date	Change
02/08/2013	Created
08/11/2023	Last Updated
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