



Adhesive Backed Materials Ltd

ABM, Geith Ind Est, Crown Business Park, Tredegar, Gwent, UK. NP22 4EF
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Polyether Foam 02FR

Flame Retardant Polyether Foam

Property	Detail
Material Type	Polyether foam

Technical Data

Property	Test Standard	Units	Value
Density (±5%)	BS EN ISO 845:2009	kg/m ³	25
Colour			Dark Grey
Nominal Hardness (±15%)	BS EN ISO 2439 Method B:2008	N	140
Tensile Strength	BS EN ISO 1798:2008	kPa	50 min
Elongation at Break	BS EN ISO 1798:2008	%	90 min
Flammability	BS 5852: Part 2: 1982 Crib V		Pass
Flammability	UL94		HF1 Pass
Fatigue Classification	BS 3379:2005		A

Notes

Note 1: The foam complies with the Furniture and Furnishings (Fire) (Safety) Regulations 1988 SI 1324 schedule 1 part 1 (Amended 1989, 1993 & 2010).



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Note 2: The fatigue classification is based on BS3379 using BS EN ISO 3385 test method except where the waiting time after fatigue is 6 hours as recommended by the BPF. The classification claimed is based on in-house test results.

Note 3: The foam complies with horizontal burning foamed material UL94 - Test for Flammability of Plastics materials for parts in devices. Not suitable for the evaluation of parts where the thickness exceeds 13.0mm or where the surface area exceeds 1m². These requirements do not cover polymeric materials when used for building construction, finishing, or contents such as wall and floor coverings, furnishings, decorative objects and so forth.

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, we do not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information. We recommend evaluation prior to use to ascertain the suitability of the material for the application.