

Material ref AR272

Open Cell Class 'O' Acoustic Foam

Material Reference- 272
Colour- Dark Grey/Black
To Specification- Class 'O'
Issue Date: June 2004. (Current March 2012)

Specification		Test Method
Density	90kg/m ³	BS EN ISO 845
Thickness Range	5mm to 100mm	
Fire Propagation Index	<12	BS 476 pt 6
Surface Spread of Flame	Class "1"	BS 476 pt 7
Building Regs. 1991 (Fire Safety)	Class "0"	BS 476 pt 6 & 7
Operating Temperature	-30 to 100°	
UL94 Classification	94 V-0	UL 94
Surface Burning Behaviour	Class A	ASTM E84-95
Air Erosion Resistance (4001-6000 fpm)	Pass	ASTM C1071-91 12.7
Fungus Resistance Test	Does not support growth	ASTM G 21
Mildew (Fungus) Resistance	Does not support growth	ASTM D-2020
Water Vapour Sorption	<9%	ASTM C553-92
Thermal Conductivity	0.364 Btu-in./hr-ft ² -F	ASTM C518-91
Corrosiveness (galvanised steel)	Pass	ASTM C665-95
Hot Surface Performance @ 100°C 96hr	Pass	ASTM C411-97

Acoustic Performance Information

Sound Absorption @ 25mm (Normal Incidence)	NRC>0.40
Sound Absorption @ 12mm (Random Incidence)	NRC>0.28
Sound Absorption @ 25mm (Random Incidence)	NRC>0.50
Sound Absorption @ 50mm (Random Incidence)	NRC>0.78

Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and come without warranty or guarantee.

As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline

It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which it is to be used.

Datasheet is subject to alteration without prior notice. This Data Sheet supersedes all previous data sheets Rubberonline Terms and conditions apply

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