



Typical Flammability and Physical
Properties FO36 Acoustic Foam

DATA SHEET

August 2011

Bulletin 06

SPECIFICATION

Test Method

Density	>90kg/m ³	BS EN ISO 845
Colour	Dark Grey	
Thickness	6mm – 50mm	
Fire Propagation Index	<12	BS 476 pt 6
Surface Spread of Flame	Class 1	BS 476 pt 7
Building Regulations Paragraph A13 (b)	Class 0	BS 476 pt 6 & 7
Approved Document B		
Operating Temperature	-30 to 100°C	
UL94 Classification	94 V-0	UL94
Surface Burning Behaviour	Class A	ASTM E84-95
Air Erosion Resistance	Pass	ASTM C1071-05 12.7
Fungus Resistance Test	Does not support growth	ASTM G21-96
Mildew (Fungus) Resistance	Does not support growth	ASTM D-2020-92
Water Vapour Sorption	<9%	ASTM C553-92
Thermal Conductivity	0.382 Btu-in/hr-ft°F	ASTM C518-04
Corrosiveness (galvanised steel)	Pass	ASTM C665-95
Hot Surface Performance @ 100°C 96hr	Pass	ASTM C411-04
Acoustic Performance Information		
Sound Absorption @ 12mm (Random Incidence)	NRC- 0.25	
Sound Absorption @ 25mm (Random Incidence)	NRC- 0.45	
Sound Absorption @ 50mm (Random Incidence)	NRC- 0.70	

The data contained in this bulletin is believed to be accurate at time of going to press. Carpenter Ltd reserves the right to amend product data without prior notification. Carpenter Ltd can assume no liability for results obtained or damages incurred through the application of the data and tests presented.



Carpenter Ltd - Registered Office: Dinting Lodge Industrial Estate, Glossop, Derbyshire, SK13 6LE Tel: +44 (0)1457 861141 Fax: +44 (0)1457 863242

E-mail us at sales.uk@carpenter.com www.carpenter.ltd.uk