



Adhesive Backed Materials Ltd

ABM, Geith Ind Est, Crown Business Park, Tredegar, Gwent, UK. NP22 4EF
www.abmuk.net info@abmuk.net +44 (0) 1495 711895

PVC FR Grade 250

Clear Flame Retardant PVC Sheet

Property	Detail
Material Type	Clear flame retardant PVC sheet
Colour	Clear
Thickness	2mm

Technical Data

Property	Test Method	Units	Typical Value
Colour			Clear
Density	DIN 53479 Method A	g/cc	1.25 ±0.05
Tear Strength	ISO 6383-1:1983	N/mm	
Crosswise			46.5
Lengthways			38.5
Tensile Strength	ISO 527-1:2012 & ISO 527-3:1995	MPa	
Crosswise			20.1
Lengthways			21.2
Elongation at Break	ISO 527-1:2012 & ISO 527-3:1995	%	



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Crosswise			292%
Lengthways			275%
Flammability	DIN 53382 / DIN 4102 B2		Normally Flammable B2
Edge Fire Behaviour	DIN 53382 / DIN 4102 B2		Self-Extinguishing
Fire Behaviour	DIN 53382 / DIN 4102 B2		Does not continue to burn or smoulder

Notes

Flammability Classification: DIN 4102-1 Class B2. Test specimens (2mm, PVC/Transparent) were preconditioned at 23°C ±2°C, 50% ±6% RH for 8 days. Under both bottom edge ignition and surface ignition, all 10 specimens self-extinguished and flames did not reach the 150mm gauge mark within 20 seconds. Class B2 Pass.

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.