



Adhesive Backed Materials Ltd

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LD15 - Low Density Polyethylene Foam

Property	Detail
Material Type	Closed cell, cross-linked polyethylene block foam

Technical Data

Property	Test Standard	Units	Typical Value
Apparent Density (nominal) - Skin/Skin	BS EN ISO 7214:2012	kg/m ³	15
Cell Size (Cell Diameter)	Internal	mm	0.4
Compression Stress-Strain	BS EN ISO 7214:2012	kPa	
25% compression (25 mm cell-cell)			43
50% compression			104
Tensile Strength	BS EN ISO 7214:2012	kPa	233
Tensile Elongation		%	108
Compression Set	BS EN ISO 7214:2012	% set	
25% comp., 22hr, 23°C (25 mm cell-cell)			
½ hr recovery			14
24 hr recovery			6
Tear Strength (Method B)	BS EN ISO 8067:2008	N/m	999
Shore Hardness (OO Scale)	BS EN ISO 868:2003		47
Recommended maximum operating temperature	Internal	°C	85

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.