



Radbar Amber 1 Membrane



Capital Valley Plastics Limited, Cwmavon Works, Cwmavon, Nr Pontypool, Gwent, NP4 8UW

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Characteristic	Test Method	Unit	Result
PHYSICAL PROPERTIES			
Thickness	EN 1849 - 2	mm	0.5
Width	EN 1848 - 2	M	2
Length	EN 1848 - 2	M	25
HYDRAULIC PROPERTIES			
Water tightness 2kPa	EN 1928	-	Pass
Water Vapour Trans	BS 3177 (1995)	g/m ² /day	0.15
MECHANICAL PROPERTIES			
Resistance to static loading	EN 12730 Method B	kg	Pass at 20kg
Tensile strength MD	EN 12311 - 1	N/mm ²	21.2
Tensile strength CD	EN 12311 - 1	N/mm ²	21
Elongation MD	BS 2782 (1996) 320A	%	400
Elongation CD	BS 2782 (1996) 320A	%	500
Resistance to Impact	EN 12691	mm	Pass at 250mm
Resistance to tearing (nail shank) MD	EN 12310 - 1	N	339
Resistance to tearing (nail shank) CD	EN 12310 - 1	N	346
CHEMICAL/GAS RESISTANCE			
Radon Perm	-	10 ⁻¹² m ² /s	8
Radon Trans	-	10 ⁻⁹ m/s ⁻¹	22
CO ₂ Perm	ISO 2782:1995	m ² /s ⁻¹ /Pa ⁻¹	2.055 x 10 ⁻¹⁷
CO ₂ Trans	ISO 2782:1995	m/s ⁻¹	4.357 x 10 ⁻⁹
Methane Perm	ISO 2782:1995	m ² /s ⁻¹ /Pa ⁻¹	1.248 x 10 ⁻¹⁷
Methane Trans	ISO 2782:1995	m/s ⁻¹	2.452 x 10 ⁻⁹

N.B. The information provided in the datasheet is based on independent laboratory results and correct at the time of production

Above mentioned data are of informative character only. The manufacturer reserves the right to alter specifications without prior notice. It is the responsibility of all users to satisfy themselves that the above specifications are current.



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