



Ethylene Vinyl Acetate Properties Data Sheet

Property	Unit or Measure	EVA Medium	EVA Hard
Sheet Size	mm	2400 x 1200	2400 x 1200
Cell Structure		Closed Cell	Closed Cell
Density ASTM D3575	Kg/m ³	45 +/- 5kg	90 +/- 5kg
Shore ASTM D2240	OO	32 - 40	54 - 62
Tensile Strength	Kg/cm	>0.15 Mpa	>0.8 Mpa
Elongation	%	>200	>120
Tear Resistance	Kn/m ²	>1.0	>2.5
Noise Reduction	Based on 5mm thick	200 HZ : 2 odB 300 HZ : 3 odB	200 HZ : 2 odB 300 HZ : 3 odB
Water Absorption	%	<5	<5
Water Vapour Transmission Rate	Gm/m ² /hr	<0.08	<0.08
Moisture Permeability		<0.8gm/m ² 24hrs @ 90% rh	<0.8gm/m ² 24hrs @ 90% rh
Environmental		CFC and HCFC free	CFC and HCFC free
Thermal Conductivity	W/m.K	0.033	0.033
Operating Temperature	°C	-40 / +80	-40 / +80
Compression Deflection at 25%	kPa	20	60 - 90
Compression Set ASTM D1056	Maximum %	30	25
Colour		Black	Black