



Polyethylene Properties Data Sheet

ITEM	UNIT	DATA
Cell Structure		Closed Cell
Density	Kg/m ³	30-40
Shore OO		52-60
Tensile Strength	Kg/cm	>0.2 Mpa
Elongation	%	>120
Tear Resistance	Kn/m ²	>1.5
Noise Reduction	Based on 5mm thick	200 HZ : 2 odB 300 HZ : 3odB
Water Absorption	%	<5
Water Vapour Transmission Rate	Gm/m ² /hr	<0.08 24hrs @ 90% rh
Moisture transmission Rate	Gm/m ²	4.6
Environmental		CFC and HCSC free
Thermal Conductivity	W/m.K	0.033
Operating Temperature	°C	-40 - 80
Compression Deflection	kPa	At 25% >59
Compression Set	%	<5
Colour		Black

January, 2013