



GOLDFOAM (GF-2)

Properties	Standard	Unit	Result
Density	ASTM D1622 : 1988	Kg/m ³	30
Thermal conductivity	ASTM C518-91	W/m ^{°K}	0.027
Comp. strength at 10% deformation, average	ASTM D 1621 -94	kPa	250
Modulus of elasticity	BS EN 826 : 1996	MPa	24
Deformation at yield load	BS EN 826 : 1996	%	1.8
Water absorption (max)	ASTM C 272	g/cm ²	0.01
Water vapour trans. Rate	BS 4370 Part 2 : 1993	µg/m ² .s	258
Water vapour permeance	BS 4370 Part 2 : 1993	ng/m ² .s.Pa	44.1
Water vapour permeability	BS 4370 Part 2 : 1993	ng/m.s.Pa	2.18
Temperature limits	N/A	°C	-50 / +75
BCA Group Classification	AS / NZS 3837 – 1998	N/A	3

Product Table

R-value	Nominal Thickness (mm)	Sheet Size (mm)	Sheet Weight (kg)
R1.11	30	900 x 2400	1.94
R1.48	40	900 x 2400	2.60
R1.85	50	900 x 2400	3.24
R2.77	75	900 x 2400	4.86
R3.70	100	900 x 2400	6.48

*Note. Other thicknesses and sizes available upon request, pending minimum run requirements.