

Date : 14 May 2015
To : TradeArk

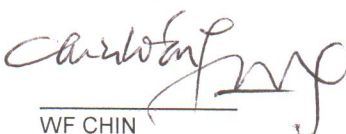
PRODUCT DATA SHEET

This is to certify that the following is a list of the properties corresponding to product Plain / Unfaced ECOWOOL SECTIONAL PIPE INSULATION manufactured by PGF Insulation Sdn Bhd.

PRODUCT	ECOWOOL SECTIONAL PIPE INSULATION, DENSITY : 64KG/M3	
PRODUCT DESCRIPTION	ECOWOOL SECTIONAL PIPE INSULATION is manufactured by the advanced and unique rotary flame attenuation process. It is made from highly resilient inorganic glass fibers bonded with a thermosetting resin to provide excellent thermal and acoustical properties.	
PROPERTIES	TEST METHOD	VALUES
Density Tolerance	INTERNAL SPECS.	± 10%
Dimension Tolerance	INTERNAL SPECS.	Length : 1m minimum Thickness : +3mm, -2mm
Fibre Diameter	INTERNAL SPECS.	4 ~ 6 µm
Thermal Conductivity @ 23°C mean temp.	INTERNAL SPECS.	0.0312 W/mK
Fire Propagation Test	BS476 : Pt 6	i1=1.8, i2=2.4, i3=1.0, I=5.2
Surface Spread of Flame Test	BS476 : Pt 7	Class 1
Moisture Adsorption	ASTM C553	Less than 5% by weight
Odor Emission	ASTM C665	None
Corrosiveness (with steel, copper or aluminium)	ASTM C665	Does not accelerate
Fungi Resistance	ASTM C665	Resistant to fungi & bacteria growth
Alkalinity	-	pH 9
Capillarity (after 24 hours)	-	Negligible

Item	Pipe Insulation (mm) Density : 64kg/m3	K value @ mean temp 23°C (W/mK)	R Value (m²K/W)
1	19.1 x 25	0.0312	1.42
2	25.4 x 25		1.31
3	31.8 x 25		1.24
4	38.2 x 25		1.18
5	38.2 x 38		2.00
6	50.7 x 25		1.11
7	50.7 x 38		1.86
8	63.4 x 25		1.06
9	63.4 x 38		1.76
10	76.1 x 38		1.69
11	88.8 x 25		0.99

Prepared By



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