



Perlite Products Sdn. Bhd. (227465-T)

Lot PT. 33, Jalan Dua, Kawasan Perindustrian Salak Tinggi, 43900 Sepang, Selangor, Malaysia.
Tel: 603-8706 2486, 8706 2493 Fax: 603-8706 2485

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To whom it may concern:

Perlite Products Sdn Bhd certifies that the perlite insulation manufactured in its plant has been tested and meets the specifications for expanded perlite block and pipe thermal insulation, as follows:

Property	Test Method	Results	
Density	ASTM C 303	190 - 220 kg/m ³	
Water Repellence	JIS A 9510	98.5 % - 99.5 %	
Flexural Strength	ASTM C 203	47 - 55 psi	
Compressive Strength	ASTM C 165	80 - 85 psi	
Linear Shrinkage	ASTM C 356	Length : 0.5 - 1.5 % Width: 0.5 - 1.5 % Thickness : 1.5 - 2.5 %	
Leachable Chloride, Fluoride, Silicate and Sodium Ions	ASTM C 871 / ASTM C 795	Acceptable Chloride – 10 – 50ppm	
Thermal Conductivity	ASTM C 518	Mean ° C	W/M/K
		50	0.060
		100	0.067
		150	0.074
		200	0.084