

MEDIUM GRADE VERMICULITE

Description

This product is a grade of exfoliated vermiculite having a controlled particle size distribution.

Typical Properties (Non-specified)

Chemical Analysis

Silicon as SiO ₂	39.28%
Magnesium as MgO	22.91%
Aluminium as Al ₂ O ₃	9.49%
Potassium as K ₂ O	6.07%
Iron as Fe ₂ O ₃	8.36%
Calcium as CaO	2.33%
Titanium as TiO ₂	1.16%
Fluorine as F	0.72%

Physical Properties

Melting Point (°C)	1330
Specific Heat (1kJ/kg.K)	1.08
Specific Gravity (Crude)	2.5
Moh's Hardness (Crude)	1-2
pH (ISO 787-9)	7 - 8
% Loss at 105°C (Product)	<1.5
% Loss at 1000°C (Product)	<6

Typical Properties (Specified)

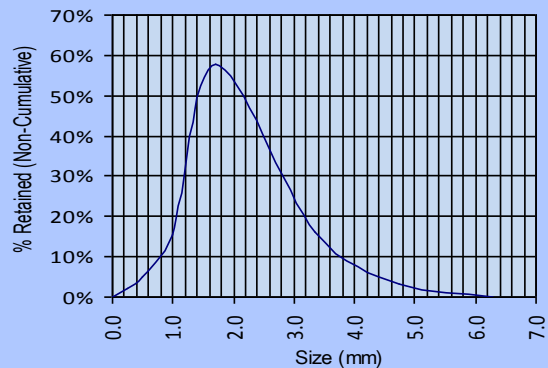
Loose Bulk Density 60 – 125 g/l

Dry Sieve Analysis

Sieve Aperture (mm)	% Retained
5.6	0 - 3
4.0	0 - 30
2.0	40 - 80
1.0	0 - 35
<1.0	0 - 18



Typical Sieve Analysis



Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. The figures provided are intended to be a guide to expected average values and should not be interpreted as a specification. Any potential applications referred to are not to be construed as recommendations. It is the responsibility of the user to determine suitability for any specific purpose.

ISSUE 210314