

## 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 <sub>2</sub> .....	39.6%
Magnesium as MgO .....	23.54%
Aluminium as Al <sub>2</sub> O <sub>3</sub> .....	9.22%
Potassium as K <sub>2</sub> O .....	6.11%
Iron as Fe <sub>2</sub> O <sub>3</sub> .....	7.93%
Calcium as CaO .....	2.12%
Titanium as TiO <sub>2</sub> .....	1.02%
Fluorine as F .....	0.62%



#### 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

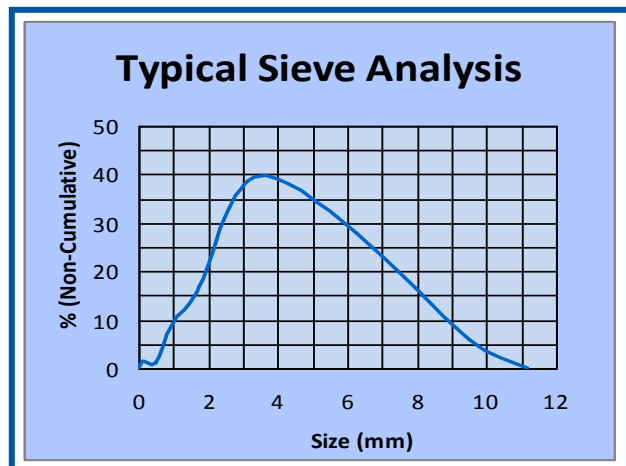
### Typical Properties (Specified)

Loose Bulk Density .....60 - 100 g/l

#### Dry Sieve Analysis\*

Sieve Aperture (mm) .....	% Retained
11.2 .....	0 - 8
8.0 .....	0 - 57
4.0 .....	35 - 80
2.0 .....	0 - 45
<2.0 .....	0 - 20

\*Subject to Ore availability



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. Dupré Minerals reserves the right to substitute an appropriate, alternatively graded/sourced vermiculite for Micafil when necessary. 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.

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