

MICRON 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	39.4%
Magnesium as MgO	25.2%
Aluminium as Al ₂ O ₃	8.8%
Potassium as K ₂ O	4.5%
Iron as Fe ₂ O ₃	4.0%
Calcium as CaO	1.8%
Carbonate as CO ₂	1.4%
Titanium as TiO ₂	0.8%
Fluorine as F	0.5%

Physical Properties

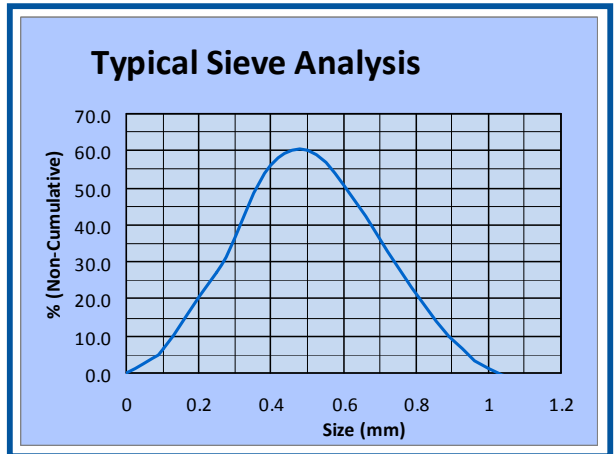
Melting Point (°C)	1330
Specific Heat (1kJ/kg.K)	1.08
Specific Gravity (Crude)	2.5
Moh's Hardness (Crude)	1-2
pH (ISO 787-9)	7 - 8
% Loss at 105°C (Product)	<0.5
% Loss at 1000°C (Product)	<6

Typical Properties (Specified)

Dry Sieve Analysis

Sieve Aperture (mm)	% Retained
1.7	Trace
1.0	0 - 5
0.5	45 - 75
0.18	20 - 55
0.106	0 - 10
<0.106	0 - 5

Loose Bulk Density90 - 150 g/l



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.

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