



EXFOLIATED VERMICULITE



DESCRIPTION

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

TYPICAL PROPERTIES

Typical Properties of Micafil		
Dry Sieve Analysis (% Retained Non-cumulative)	+11.2 mm	0 – 8
	+8.0 mm	0 – 57
	+4.0 mm	35 – 80
	+2.0 mm	0 – 45
	-2.0 mm	0 – 20
Loose Bulk Density (g l ⁻¹)		60 – 100

Typical Physical Properties	
Melting Point (°C)	~1330
Specific Heat (1kJ kg ⁻¹ K ⁻¹)	1.08
Specific Gravity (Crude)	~2.75
Moh's Hardness (Crude)	1 – 2
pH (ISO 787-9)	7 – 9
% Loss at 105°C (Product)	< 1.5
% Loss at 1000°C (Product)	< 10

Typical Chemical Properties ¹	
% SiO ₂	39.6
% MgO	23.54
% Al ₂ O ₃	9.22
% K ₂ O	6.11
% Fe ₂ O ₃	7.93
% CaO	2.12
% TiO ₂	1.02
% F	0.62



APPLICATIONS

- Loose Fill Insulation.
- Lightweight Concrete.
- Refractories.
- Packaging.

PACKAGING AND STORAGE

Exfoliated vermiculite is supplied in bulk bags or ~100 litre pre-packed plastic bags.

Keep in original packaging, in dry conditions and store in a way to prevent any accidental damage and creation of dust.

¹ based on primary vermiculite source



www.dupreminerals.com

Dupré Minerals Limited, Spencroft Road, Newcastle-under-Lyme, Staffordshire, ST5 9JE

Telephone +44 1782 383000 Fax +44 1782 383101 Email info@dupreminerals.com

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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