



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 – 20
	+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	38.1	
% MgO	22.7	
% Al ₂ O ₃	8.9	
% K ₂ O	5.4	
% Fe ₂ O ₃	8.2	
% CaO	3.1	
% TiO ₂	1.0	
% F	0.6	



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



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 021218

Dupré Minerals Limited, Spencroft Road, Newcastle-under-Lyme, Staffordshire, ST5 9JE Telephone +44 1782 383000 Fax +44 1782 383101 Email info@dupreminerals.com