

dupré Micafil

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 – 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