

dupré FINE GRADE

EXFOLIATED VERMICULITE



DESCRIPTION

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

TYPICAL PROPERTIES

Typical Properties of Fine Grade		
Dry Sieve Analysis (% Retained Non-cumulative)	+2.8 mm	< 10
	+2.0 mm	0 – 50
	+1.0 mm	45 – 85
	+0.5 mm	0 – 30
	-0.5 mm	< 15
Loose Bulk Density (g l ⁻¹)		75 – 130

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	6.2
% CaO	3.1
% TiO ₂	1.0
% F	0.6



APPLICATIONS

- Friction.
- Horticulture.

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

dupré
Minerals

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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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