

# dupré SUPERFINE GRADE

EXFOLIATED VERMICULITE



## DESCRIPTION

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

## TYPICAL PROPERTIES

Typical Properties of Superfine Grade		
Dry Sieve Analysis (% Retained Non-cumulative)	+1.4 mm	0 – 20
	+1.0 mm	25 – 70
	+0.5 mm	25 – 70
	+0.25 mm	0 – 20
	-0.25 mm	0 – 10
Loose Bulk Density (g l <sup>-1</sup> )	93 – 135	

Typical Physical Properties	
Melting Point (°C)	~1330
Specific Heat (1kJ kg <sup>-1</sup> K <sup>-1</sup> )	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 <sup>1</sup>	
% SiO <sub>2</sub>	39.6
% MgO	23.54
% Al <sub>2</sub> O <sub>3</sub>	9.22
% K <sub>2</sub> O	6.11
% Fe <sub>2</sub> O <sub>3</sub>	7.93
% CaO	2.12
% TiO <sub>2</sub>	1.02
% F	0.62



## APPLICATIONS

- Friction.
- Animal Feed.
- Screeds.

## 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.

<sup>1</sup> based on primary vermiculite source

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**Minerals**

[www.dupreminerals.com](http://www.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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Dupré Minerals Limited, Spencroft Road, Newcastle-under-Lyme, Staffordshire, ST5 9JE

Telephone +44 1782 383000 Fax +44 1782 383101 Email [info@dupreminerals.com](mailto:info@dupreminerals.com)