

dupré
**MEDIUM
 GRADE**
 EXFOLIATED VERMICULITE



DESCRIPTION

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

TYPICAL PROPERTIES

Typical Properties of Medium Grade		
Dry Sieve Analysis (% Retained Non-cumulative)	+4.75 mm	0 – 15
	+3.35 mm	8 – 35
	+1.70 mm	30 – 70
	+1.00 mm	0 – 25
	+0.50 mm	0 – 15
	+0.25 mm	0 – 10
	-0.25 mm	0 – 5
Loose Bulk Density (g l ⁻¹)		80 – 125

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	40.1
% MgO	23.7
% Al ₂ O ₃	9.5
% K ₂ O	5.8
% Fe ₂ O ₃	9.0
% CaO	3.1
% TiO ₂	1.2
% F	0.62



APPLICATIONS

- Loose Fill Insulation.
- Horticulture.
- Refractories.

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