## dupré CRUDE VERMICULITE



## **DESCRIPTION**

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

## TYPICAL PROPERTIES

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>		
% SiO₂	39.3	
% MgO	23.9	
% Al₂O₃	13.9	
% K <sub>2</sub> O	0.32	
% Fe₂O₃	9.3	
% CaO	3.1	
% TiO₂	1.7	
% F	0.6	



GRADE	Nominal Size	Loose Bulk Density <sup>1</sup> / kg m <sup>-3</sup>
LARGE	8.0 to 2.8 mm	600 - 800
MEDIUM	4.0 to 1.4 mm	880 - 1000
FINE	2.0 to 0.71 mm	890 - 1000
SUPERFINE	1.0 to 0.355 mm	925 - 1050
MICRON	0.71 to 0.25 mm	925 - 1050

<sup>&</sup>lt;sup>1</sup> 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.

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