

dupré CRUDE VERMICULITE



DESCRIPTION

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

TYPICAL PROPERTIES

Typical Physical Properties		Typical Chemical Properties ¹	
Melting Point (°C)	~1330	% SiO ₂	39.3
Specific Heat (1kJ kg ⁻¹ K ⁻¹)	1.08	% MgO	23.9
Specific Gravity (Crude)	~2.75	% Al ₂ O ₃	13.9
Moh's Hardness (Crude)	1 – 2	% K ₂ O	0.32
pH (ISO 787-9)	7 – 9	% Fe ₂ O ₃	9.3
% Loss at 105°C (Product)	< 1.5	% CaO	3.1
% Loss at 1000°C (Product)	< 10	% TiO ₂	1.7
		% F	0.6



GRADE	Nominal Size	Loose Bulk Density ¹ / kg m ⁻³
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

¹ based on primary vermiculite source