Eco Vermiculite

MEDIUM GRADE

EXFOLIATED VERMICULITE



DESCRIPTION

This product is a grade of exfoliated vermiculite having a controlled particle size distribution. Exfoliated vermiculite consists of accordion-like granules containing microscopic air layers, making it lightweight, incombustible, chemically inert, highly absorbent and an excellent thermal insulator.

TYPICAL PROPERTIES

TYPICAL PROPERTIES OF LARGE GRADE	
Nominal Particle Size	1 – 6 mm
Loose Bulk Density	90 – 105 kg/m³
Non-EXF Grit by KG	MAX 10%
Screened	Low-dust, screened product

TYPICAL PHYSICAL PROPERTIES	
pH value (10% slurry)	7.5 – 9.0
Cation Exchange Capacity	60 meq / 100 g
Thermal Conductivity	0.063 – 0.069 W/mK
Specific Heat	1.081 kJ/kgK
Sintering Temperature	1260 °C
Melting Point	±1330 °C
Water Holding Capacity	220 – 325% of weight
Specific Gravity (crude)	±2.75
Moh's Hardness	1 – 2

*based on main source



APPLICATIONS

- Horticulture
- Loose fill Insulation
- Refractories
- Spillages

PACKAGING AND STORAGE

- Exfoliated vermiculite is supplied in prepacked woven polypropylene ~100 litre bags.
- Export: Loading at 820 x 100 litre loose bags per 40’ HC container.
- Can be palletised with 30 x 100 litre bags

Store in dry, ventilated conditions in original packaging; product may be stacked, but do not stack other materials on top of vermiculite.

Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. Figures are typical average values and should not be interpreted as a specification. It is the responsibility of the user to determine suitability for any specific purpose.

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