

Palmetto Vermiculite A - 4

Palmetto Vermiculite Grade A – 4 is a premium, large particle size material meeting ASTM C516 Type 1, Grade 1 specifications. The material is ideally suited for use as high temperature insulation. Another primary use is packaging of hazardous chemicals for air transport in accordance with IATA Regulations.



Product Information

Vermiculite is the geological name given to a group of hydrated, laminar minerals which are aluminum-iron-magnesium silicates, resembling mica in appearance. When exposed to intense heat, the material expands or exfoliates.

Exfoliated vermiculite has several unique properties which have industrial applications and account for its commercial value. These properties include, low thermal

conductivity, high water holding capacity, incombustibility, and insolubility in both water and organic solvents.

Physical Properties

Typical Sieve Analysis

Sieve	Specification	Weight	% Ret
3/8	0 – 15	15.9	22.3
4	55 – 85	46.7	65.4
8	5 – 15	6.9	9.6
10	0 – 5	.2	.2
16	0 - 2	.4	.5
50	0 – 2	.8	1.1
Pan	0 - 2	.4	.5

Unit Weight 4.0 – 5.5 lb/cf
pH in Water 6 – 9
Moisture loss @ 230°F 4 – 10%
Sintering Temp. 2100 - 2280°

.Packaging :

16-20 lb. kraft bags: 30 Bags/Pallet
Bag Volume : Approx. 4 cf

Contact Information

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