

Palmetto Vermiculite A - 3

Palmetto Vermiculite Grade A – 3 is a premium, coarse particle size material meeting ASTM C516 Type 1, Grade 2 specifications. The material is widely used as a component of growing media for professional growers. Additionally, the material is used as a cover for seed topping. The particle size and absence of fines makes the material ideal for packaging smaller boxes 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
4	0 - 5	3	4
6	10 - 40	25	33.7
8	30 - 65	37	50
10	5 - 20	5	6.7
16	2 - 10	4	5.6
50	0 - 5	-	-
Pan	0 - 2	-	-

Unit Weight	5.0 – 6.0 lb/cf
pH in Water	6 – 9
Moisture loss @ 230°F	4 – 10%
Sintering Temp.	2100 - 2280°

.Packaging :

18-22 lb. kraft bags: 30 Bags/Pallet
Bag Volume : Approx. 4 cf

Contact Information

Palmetto Vermiculite Company
P.O. Box 178
13101 Highway 221 South
Woodruff, SC 29388

Tel : 800-729-2796
Tel : 864-969-6486
Fax : 864-969-2939

E-Mail : angie@palmettovermiculite.com
Web: PalmettoVermiculite.com