

## Palmetto Vermiculite C - 3

Palmetto Vermiculite Grade C – 3 is a medium particle size material meeting ASTM C516 Type 1, Grade 3 specifications. The material is widely used as a component in growing media for professional growers.

The Greenhouse Industry uses large quantities of this material as a component of soil mix media for growers. The unique properties improve moisture retention and soil aeration and when mixed with bark provides a good growing medium for plant propagation performance.



## 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
5	0 – 3	10.8	9.2
8	1 – 19	89.8	77.0
20	58 - 85	12.5	10.7
35	5 – 28	2.6	2.2
70	0 – 6	.3	.2
100	0 – 6	.6	.5
Pan	0 - 6		

Unit Weight                    6.5 – 7.5 lb/cf  
pH in Water                    6 – 9  
Moisture loss @ 230°F        7 – 12%  
Sintering Temp.                2100 - 2280°

### Packaging :

28-30 lb. kraft bags: 30 Bags/Pallet  
Bag Volume                    :    Approx. 4 cf

## Contact Information

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