



# PALMETTO VERMICULITE

## Palmetto Filter Sand

Palmetto filter sand's primary use is as a filtration media in swimming pool filters.

Specific steps are added to our proprietary manufacturing process to produce a uniform and durable material free of potentially hazardous clay, dust, micaceous and organic matter. Product quality and safety for end users is of primary importance.



## Product Information

The method most widely used to specify filter media gradation and efficiency in filtration is in terms of the size and uniformity coefficient as defined in ANSI/AWWA B100.

Palmetto Vermiculite produces filter sand for the swimming pool industry to the following specification:

Sieve	mm	Desired
-14 +30	1.4 - .6	75%
-30 +50	.6 - .3	25%

## Physical Properties

### Typical Sieve Analysis

Sieve	mm	Wt Ret	% Ret
14	1.4	0	0 %
20	.85	242	35 %
30	.6	279	40 %
40	.425	147	21 %
Pan	.3	30	4.3 %

<b>Effective Size:</b>	0.47
<b>Uniformity Coefficient:</b>	1.76
<b>Specific Gravity:</b>	2.65
<b>Unit Weight:</b>	86.2 lb/cf
<b>Acid Solubility:</b>	<1%

**Effective Size** – Size opening in mm which will pass 10% (by dry weight) of a representative sample of the filter material.

**Uniformity Coefficient** – Ratio of the opening size (in mm) which will pass 60 % (dry weight) of a sample divided by the opening which will pass 10% of the sample.

**Packaging:** 50 LB heavy weight 6.5 mil. poly bags for easier stacking, storage and transportation. There are 56 Bags per pallet.

## Contact Information

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