



NATURAL VOLCANIC PERLITE®

## ULTRA FINE - Expanded Perlite

*Rough-textured powder with higher average density.*

### DRY SIEVE ANALYSIS

US Mesh	Microns	% Retained *	% Passing
#30	595	0	100
#70	210	30 - 80	20 - 70
#325	45	90 - 100	0 - 10

\* Cumulative percent retained by volume.

**LOOSE BULK DENSITY:** 12.0 - 14.0 lb/ft<sup>3</sup> (190 - 225 kg/m<sup>3</sup>)

### PRODUCT DETAIL

ULTRA FINE expanded perlite consists of fine silt-sized particles 0.5 mm and smaller with few intact bubbles. It is an ideal pressure filtration medium, useful for both pre-coat and body-feed applications, as well as having use as an insulating bulker, filler, or inert absorbent. Supreme Perlite NATURAL VOLCANIC PERLITE® products are made exclusively from 100% naturally occurring volcanic glass. Our perlite products are sterile, ultra-lightweight, non-toxic, durable, incombustible, insulating, asbestos-free, pH-neutral, and are compatible with most other substances.

### SUPPLEMENTARY INFORMATION

Chemical Name	Sodium Potassium Aluminum Silicate
Appearance	White granules, odorless
pH (of water slurry)	Neutral
Fusion point	2,300 - 2,450 °F (1260 - 1350 °C)
Flash point	Non-flammable
Specific gravity	0.4 - 0.6 (approx.)
Solubility	Negligible in water and weak acids*

\* Soluble in hot concentrated alkali and HF; moderately (less than 10%) in 1N NaOH. Slightly (less than 3%) in mineral acid.

Chemical Analysis	%
SiO <sub>2</sub>	74.6
Al <sub>2</sub> O <sub>3</sub>	13.5
K <sub>2</sub> O	5.1
Na <sub>2</sub> O	3.6
CaO	0.9
Fe <sub>2</sub> O <sub>3</sub>	0.7
MgO	0.1

### PACKAGING OPTIONS

- 4 cu. ft. (113 L) two-ply paper bags. 30 bags/pallet.
- 60 cu. ft. super sacks (2.2 cyd/1.7 m<sup>3</sup>). 2 super sacks/pallet.



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