



NATURAL VOLCANIC PERLITE®

EXTRA FINE - Expanded Perlite

Mixed fine and granular particles, 1 mm and below in size.

DRY SIEVE ANALYSIS

US Mesh	Microns	% Retained *	% Passing
#16	1190	0	100
#50	297	30 - 80	20 - 70

* Cumulative percent retained by volume.

LOOSE BULK DENSITY: 4.0 - 7.0 lb/ft³ (65 - 110 kg/m³)

PRODUCT DETAIL

EXTRA FINE expanded perlite consists of mixed fine silt and sand-sized particles 1/16" (1 mm) and finer. It is used as a higher permeability filtration aid, industrial absorbent, or insulating, fireproofing bulker or filler. 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 ₂	74.6
Al ₂ O ₃	13.5
K ₂ O	5.1
Na ₂ O	3.6
CaO	0.9
Fe ₂ O ₃	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 m³). 2 super sacks/pallet.

