



NATURAL VOLCANIC PERLITE®

MEDIUM - Expanded Perlite

Medium to fine-grained particles; more uniform in size than COARSE grade.

DRY SIEVE ANALYSIS

| US Mesh | Microns | % Retained * | % Passing |
|---------|---------|--------------|-----------|
| #6 | 3360 | 0 - 25 | 75 - 100 |
| #8 | 2380 | 25 - 60 | 40 - 75 |
| #20 | 841 | 90 - 100 | 0 - 10 |

* Cumulative percent retained by volume.

LOOSE BULK DENSITY: 4.0 - 6.5 lb/ft³ (65 - 100 kg/m³)

PRODUCT DETAIL

MEDIUM expanded perlite consists of particles primarily between 1/16" - 1/4" (1 - 4 mm). Used in nursery seedling mixes, stormwater filtration and DOT approved media filter mixes. 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.



PACKAGING OPTIONS

- 4 cu. ft. (113 L) poly bags. 36 bags/pallet.
- 60 cu. ft. super sacks (2.2 cyd/1.7 m³). 2 super sacks/pallet.



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