

GENERAL DESCRIPTION

PRODUCT: Fine-grained expanded perlite
DESCRIPTION: Designed for use with fine-grained media, small pots and propagation trays.


DRY SIEVE ANALYSIS

US MESH	MICRONS	% RETAINED BY VOL (CUMULATIVE)	% PASSING
No. 12	1680	10 – 50	50 – 90
No. 16	1190	25 – 80	20 – 75
No. 50	297	90 – 100	0 – 10

SUPPLEMENTARY INFORMATION

CHEMICAL NAME: Sodium Potassium Aluminum Silicate
APPEARANCE: White granules, odorless
LOOSE BULK DENSITY: 2.5 – 6.5 lb/ft³
pH (OF WATER SLURRY): Neutral
REFRACTIVE INDEX: 1.5
HARDNESS (MOHS): 5.5
FUSION POINT: 2300 – 2450 °F
FLASH POINT: Non-flammable
SPECIFIC GRAVITY: 0.4—0.6 approx.
THERMAL CONDUCTIVITY: 0.27 - 0.41 Btu.in/h.ft2. °F @ 75 °F
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.

SUPREME PERLITE Fine Horticultural Grade perlite consists primarily of particles roughly 1/16" (1-2 mm) in diameter. Combine it with other soil ingredients to make a fine-textured potting mix for small-sized plug trays and containers 1 to 2" in diameter. As a standalone propagation media, it offers excellent water-holding characteristics.

Perlite is a 100% natural, heat-expanded siliceous volcanic rock. It is used to loosen heavy soils and as a medium for seed starting and root cuttings. Perlite is, sterile, ultra-lightweight, non-toxic, permanent, incombustible, asbestos-free, and virtually pH-neutral.

PACKAGING OPTIONS

- 4 cu. ft. (113 L) poly bags
- 60 cu. ft. super sacks (2.2 yd/1.7 m³)

