

**GENERAL DESCRIPTION**

**PRODUCT:** Fine-grained expanded perlite  
**DESCRIPTION:** Ideal for small pots and trays and as a propagating media.



**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:** 4.5 – 6.5 lb/ft<sup>3</sup>  
**pH (OF WATER SLURRY):** Neutral  
**REFRACTIVE INDEX:** 1.5  
**HARDNESS (MOHS):** 5.5  
**FUSION POINT:** 2300 – 2450 °F  
**FLASH POINT:** Non-flammable  
**SPECIFIC GRAVITY:** 2.2 – 2.4  
**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 Plug Grade perlite** consists primarily of particles roughly 1/16” in diameter. It offers excellent water-holding properties and is ideal for fine soil blends and container sizes smaller than 1 - 2” in diameter. Mix with coconut coir, peat moss, or other soilless growing media to make a high quality potting mix.

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
- 1.5 cu. ft. (42 L) poly bags
- 60 cu. ft. super sacks (2.2 yd/1.7 m<sup>3</sup>)
- 56 cu. ft. super sacks (2.1 yd/1.6 m<sup>3</sup>)

