

GENERAL DESCRIPTION

PRODUCT: Medium size expanded perlite
DESCRIPTION: Ideal for medium to finer soil blends or as propagation media.


DRY SIEVE ANALYSIS

US MESH	MICRONS	% RETAINED BY VOL (CUMULATIVE)	% PASSING
No. 6	3360	0 – 25	75 – 100
No. 8	2380	25 – 60	40 – 75
No. 20	841	90 – 100	0 – 10

SUPPLEMENTARY INFORMATION

CHEMICAL NAME: Sodium Potassium Aluminum Silicate
APPEARANCE: White granules, odorless
LOOSE BULK DENSITY: 4.5 – 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: 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 Medium Horticultural Grade perlite consists primarily of particles roughly 1/8 - 3/16" in diameter. It offers balanced drainage and water-holding capacity and can be useful for container sizes ranging between 1—3" in diameter. Mix with coconut coir, peat moss, or other soilless growing media to make a high quality potting mix. Other uses include as a component of DOT Media Filter Drains and alone as a propagation media.

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)

