

GENERAL DESCRIPTION

PRODUCT: Coarse, screened expanded perlite
DESCRIPTION: Large, coarse particles screened for maximum porosity and drainage.



DRY SIEVE ANALYSIS

US MESH	MICRONS	% RETAINED BY VOL (CUMULATIVE)	% PASSING
No. 4	4760	80 – 100	0 – 20
No. 6	3360	80 – 100	0 – 20
No. 8	2380	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.

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 m³)
- 56 cu. ft. super sacks (2.1 yd/1.6 m³)



SUPREME PERLITE Super Coarse XLP Grade perlite is extra large perlite consisting of primarily of coarse grains, with very few fines. It is useful for boosting porosity in horticultural growing media, or alone as a hydroponic growing medium. Mix with coconut coir, peat moss, or other soilless growing media for maximum aeration and drainage. Other uses include: stormwater filtration, orchid growing, reptile egg incubation, and high-temperature insulation.

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.