

GENERAL DESCRIPTION

PRODUCT: Extra-coarse, screened expanded perlite
DESCRIPTION: Our largest particle sizes, screened to provide 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: 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.

PACKAGING OPTIONS

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



SUPREME PERLITE Super Coarse Horticultural Grade perlite is comprised of the largest particle sizes we offer. It is designed for boosting porosity or drainage in a big way. Useful as a standalone hydroponic growing medium or in combination with other soilless substrates to enhance their properties. Other applications involve stormwater filtration, orchid growing, terrariums, egg incubation, and high-temp insulation.

Perlite is a 100% natural, heat-expanded siliceous volcanic rock. Among its many uses are as a soil amendment, and plant propagating media. Perlite is, sterile, ultra-lightweight, non-toxic, durable, incombustible, asbestos-free, and virtually pH-neutral.