



**SUPREME
PERLITE**

**Expanded Perlite
COARSE HORTICULTURAL GRADE**

GENERAL DESCRIPTION

PRODUCT: Coarse expanded perlite
DESCRIPTION: A blend of coarse, medium and fine grains for balanced drainage and moisture holding.



DRY SIEVE ANALYSIS

US MESH	MICRONS	% RETAINED BY VOL (CUMULATIVE)	% PASSING
No. 4	4760	5 — 30	95 — 70
No. 8	2380	65 — 80	20 — 35
No. 16	1190	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 Coarse Horticultural Grade perlite

consists of a combination of large, medium, and fine perlite particles designed to provide balanced moisture-holding and drainage when mixed with soil or other growing media substrates such as peat moss, coco coir, and compost.

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