

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:** 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 Coarse Propagation Grade perlite consists of large, medium, and fine perlite grains intended to provide balanced drainage and moisture-holding capacity. An excellent propagation medium on its own, it is also useful as a soil amendment, and conditioner for soilless growing media. Mix with coconut coir, peat moss, or other 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.