



## EXPANDED PERLITE

**Expanded perlite** is a volcanic mineral material that can be expanded at high temperatures, giving it large pores and thus a great porosity and light weight. Thanks to the large pores, water gets aught inside the particles.

**BURÉS' expanded perlite** has been expanded to sizes 1-5mm.

### composition

Natural perlite mineral, expanded at high temperatures to obtain a product with a clear cell structure, very light and white in colour.

Mineral made mostly out of  $\text{SiO}_2$  and  $\text{Al}_2\text{O}_3$ .

### properties

**Expanded perlite** is a pH nearly-neutral product with a very low electrical conductivity. It has a high porosity – and therefore is very light- and it is widely used in farming substrates, as it lightens them and increases their aeration capacity.

PROPERTY	UNIT	VALUE
APPARENT DENSITY	$\text{Kg/m}^3$	<150
POROSITY	%	95
pH		6.0-7.0
ELECTRICAL CONDUCTIVITY	mS/m	<20
GRANULOMETRY	mm	1-5

### aplications

The perlite has a wide range of applications, amongst which stand out the following:

- Farming substrates: mixing perlite with them lightens the substrate and provides it with a greater porosity. This improves the rehydrating of the substrate.
- Direct use in hydroponic farming
- Suitable for low water consume and/or environmentally friendly gardening
- Suitable for reptile habitats creation
- Decoration

**BURÉS' expanded perlite** is sold in 3Kg and 10Kg sacks.