



Dicalite Perlite

Filtration aid

Product description

Dicalite Perlite is an amorphous, glassy volcanic rock. For the purposes of beverage filtration, the volcanic rock is first ground and then subjected to an annealing process at 800 °C to 1,000 °C. During this process the amorphous rock expands to fifteen to twenty times its original volume and thereafter has a very low bulk density.

After expansion, the perlite is subjected to another special grinding process, which determines the individual product types' fineness and structure.

Coarse perlites are ideal for forming a cavity in filter cakes, whereas fine perlites are used to intentionally make the filter cake denser and thus increase the clarifying effect.

Dosage

The quantities used are governed by the individual circumstances. The quantities used may vary greatly depending on the initial turbidity of the product to be filtered and the degree of clarity desired in the filtrate.

Choice of the appropriate product type is governed by the specific conditions and requirements. Erbslöh supplies products selected to meet requirements in varying degrees of fineness, which can be used individually or as a mixture:

Product type	Fineness
4108	Very fine
BF	Fine
MF 2	Medium - coarse
4258-P	Coarse

Storage

Dicalite Perlite should be stored in a dry, odour-free place. Containers which have been opened should be immediately tightly sealed.