

## Product Description

Dicalite Perlite is a dense glass-like rock of volcanic origin. When it is broken and quickly heated according to a special process, it immediately expands to a volume 20 times the size of the original one. Thereby the material acquires the structure of tiny hollow spheres. Due to a special system of grinding and grain size classification, Dicalite Perlite possesses an ideal grain size distribution.

## Filter aid

## Product and Effect

Dicalite Perlites are chemically untreated and free from organic components. In expanded and milled form they constitute a Na-K-Al-silicate complex. The proportion of crystalline silicic acid (SiO<sub>2</sub>) is below 1 %. An essential advantage of Dicalite Perlite is that its bulk density is mostly lower than this of standard kieselguhr. Thus filter capacity is increased by up to 20 % as against comparable filtrations, particularly with regard to vacuum rotary drum filters.

## Dosage and Product Application

Type	Fineness
MF2	coarse
4258 – P	coarse

The required dosage of perlites primarily depends on the amount of deposits/lees contained in the medium, the desired degree of filtration and the filter system. Thus the following recommended dosages are only guide values.

Application	Filtration	Dosage
vacuum rotary drum filter	filtration of lees/deposits	approximately 6-10 kg/m <sup>2</sup> filter surface = 6-10 cm filter cake height
vacuum rotary drum filter	filtration of juice/must	approximately 8-12 kg/m <sup>2</sup> filter surface = 8-12 cm filter cake height
chamber filter press	filtration of lees/yeast	2-5 kg/100 L lees or liquid yeast
kieselguhr filter / DE filter	filtration of wine/juice	in exchange against the so far applied medium-fine kieselguhr, dosages 5-140 g/100 L beverage

## Application

The main field of application for Dicalite Perlites are vacuum rotary drum filters, chamber filter presses (lees or yeast filters), also standard kieselguhr filters.

The technical service of Erbslöh assists and supports you in product application and performance of filtration. Benefit from our service and call us! Our technical experts answer all of your questions and provide you with knowledge and solution-oriented service.

## Storage

Protect from influences of odour and moisture. Reseal opened packagings immediately and tightly after use.