

BENTOFFLASH

Granulated Bentonite

CHARACTERISTICS

BENTOFFLASH is a special granulated bentonite which is characterized by:

- *Avoiding dust production during its use*
- *High dispersability, which accentuates the colloidal characteristics of the montmorillonite, therefore improving the absorption capacity, the clarification effect and reducing the rehydration time with respect to traditional bentonites.*
- *Low dosage, due to its high deproteinization capacity*
- *Fast and compact sedimentation*
- *High purity, which avoids problems of transferring undesirable compounds and odors to the must/wine.*

APPLICATIONS

The characteristics of BENTOFFLASH make it an ideal bentonite for the protein stability of musts, juices, wines and vinegars, in which it can be used:

- *To block the natural and exogenous enzyme activities (oxidase, pectinase, β -glycosidase, β -glucanase)*
- *For applications where the available rehydration time is short and when the use of bentonite with a high dispersability and high deproteinization capacity is required*
- *For its preventative actions against "lightstruck"*
- *For its minimal adsorption of color and aromas.*

DOSAGE AND INSTRUCTIONS FOR USE

Dosage: 20-80 g/hL

BENTOFFLASH swells quickly in water already in a ratio of 1:10; however its performance improves with 1:20 dilution. It is recommended to disperse BENTOFFLASH with a mechanical agitator to accelerate and optimize its rehydration.

PACKING

25 kg Bags

This product is not considered dangerous therefore a material safety data sheet is not necessary.

CHEMICAL ANALYSIS (%)

SiO₂: 56-57
Al₂O₃: 19-19,5
TiO₂: 0,77-0,80
Fe₂O₃: 4,7-4,8
P₂O₅: 0,24-0,26
MnO: 0,04-0,05
MgO: 4,20-4,25
CaO: 2,82-2,84
K₂O: 0,70-0,72
Na₂O: 3,33-3,35

COMPOSITION E 558

Sodium activated bentonite
Montmorillonite: $\geq 90\%$
Color: white-grey
Deproteinization power
(CODEX method): $\geq 75\%$
Moisture: 9,5-11,5%

SOLUBLE METALS (DM26/04/02)

Fe: $\leq 0,2\%$
Na: $\leq 1,5\%$
Ca: $\leq 2,5\%$
Arsenic: $\leq 1,5$ ppm
Pb: ≤ 6 ppm
Other heavy metals: ≤ 10 ppm