

BENTONITE GRANULARE

Granulated Bentonite

CHARACTERISTICS

BENTONITE GRANULARE 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 BENT. GRAN. 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

BENTONITE GRANULARE swells quickly in water already in a ratio of 1:10; however its performance improves with 1:20 dilution. In order to accelerate and optimize its rehydration, it is advisable to wait for 30 minutes before use of mechanical stirrer.

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