



VULCASCOT

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VULCOBENT J-UF

Purified sodium-calcium bentonite for ultrafiltration

Product description

Vulcobent J-UF is sodium- calcium bentonite ultra finely milled especially designed for the fruit juice industry and the use in ultrafiltration plants.

Vulcobent J-UF is a product based on purified bentonite, it is a low abrasion material that protects membranes and pumps in the ultra filtration process from damage.

Vulcobent J-UF has a high clarifying capacity and can be used to remove turbidity caused by proteins and colloids

Specific advantages

The benefits of **Vulcobent J-UF** are:

- low inert matter content: protects membranes and pumps in ultra filtration process from abrasion and damage
- good deproteinising action
- low heavy metals content
- high activity, low dosage
- deposit volumes reduce to a minimum

Chemical – physical general specifications

Aspect		White powder (Hunterlab L 85-90)
Bulk density	g/ml	0,7-0,8
Particle size (dry residual on 45 µm)	%	<0,1%
Moisture	%	10-13
Deproteinization (according to Codex)	%	85

Typical value of soluble metals in tartaric acid 1%		
Na	%	0,71
Ca	%	0,12
Mg	%	0,064
As	ppm	0,49
Fe	%	0,013
Pb	ppm	1,3

Instructions for use

Vulcobent J-UF slurry make-up

This product cannot be properly slurried because it is based on sodium - calcium bentonite; in any case it can be predispersed under continuous mixing in water

Dosage

The necessary amount of **Vulcobent J-UF** might be determined through previous tests
The recommended dose for **Vulcobent J-UF** is 50-150g/hl

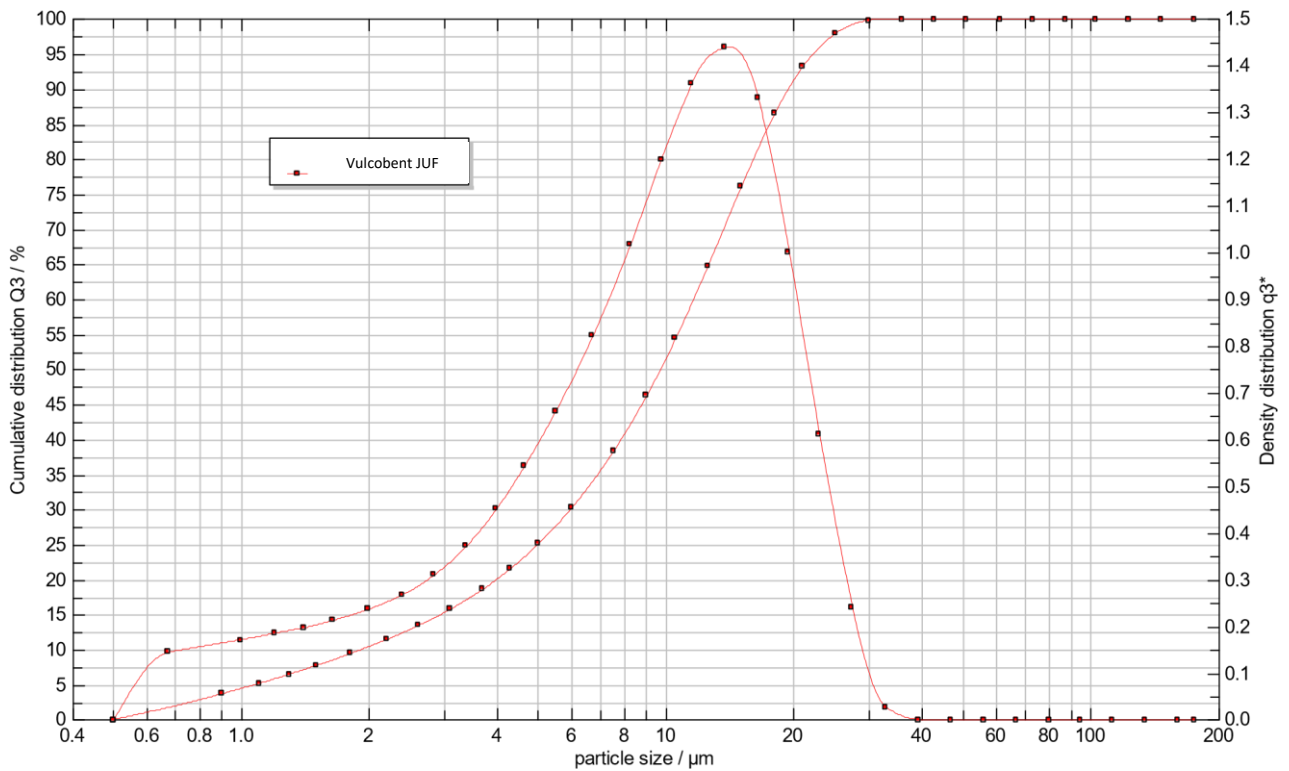
Packaging

Vulcobent J-UF is available in 15Kg paper bags



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Granulometric distribution



Residue 15 mic = 23,95

Residue 25 mic = 2,10

Residue 35 mic = 0,03

Residue 45 mic = 0,00

Residue 53 mic = 0,00

Residue 75 mic = 0,00

All the information in this data sheet is based on our knowledge and experience at the point of production (November 2019). Due to various circumstances, this data sheet is only meant as a recommendation. Our experienced team is always available to answer any questions. Please take into consideration country-specific regulations.