



V CELL® PLUS

PRECOAT WITH HIGH SURFACE ELECTRIC CHARGE FOR STREAMING FILTRATIONS

COMPOSITION



Very pure alpha-cellulose fiber with controlled micrometrics.

CHEMICAL - PHYSICAL CHARACTERISTICS



V CELL® PLUS is derived from a selected completely lignin-free alpha-cellulose fibers, electrostatically activated for enhanced zeta positive potential. This treatment increases effectiveness during filtration due to its enhanced adsorption characteristics. A following treatment allows for a fiber size reduction that ensures a wider working spectrum in streaming filtrations. Two characteristics of absolute quality combine together in V CELL® PLUS precoat: the high anchoring capacity of this cellulose on the filtering plates and its easy detachment from the same. The purity of the raw materials guarantees absolute security in terms of organoleptic (flavours, anomalous odours) and chemical substances release (calcium, heavy metals...). V CELL® PLUS is a moist white odourless powder. It is available in the following types:

	Cellulose	Permeability	Humidity	Ashes	pH (at 20°)	Heavy metals (like Pb)	Transfer of odours
	%	Darcy	%	%		ppm	
V CELL® PLUS 1	31 - 36	0.15 - 0.60	64 - 69	< 0.1	~ 7	trace	none
V CELL® PLUS 2	30 - 40	0.2 - 0.4	60 - 70	< 0.1	~ 7	trace	none
V CELL® PLUS 3	30 - 40	0.25 - 0.45	60 - 70	< 0.1	~ 7	trace	none
V CELL® PLUS 5	27 - 31	200 - 600*	69 - 73	-	-	trace	none

APPLICATIONS



The V CELL® PLUS range permits the greatest versatility for the formation of precoats with mineral earths (V MINERAL®) and/or fossil flours.

V CELL® PLUS 1 is indicated for very fine, almost sterile, filtering.

V CELL® PLUS 2 is the most used for pre-bottling filtering.

V CELL® PLUS 3 is indicated both for medium filtering and for fine filtering. It also



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guarantees excellent filtering quality with flours such as V MINERAL 3 or V3. It's very versatile, then it's recommended where you need a stronger retention with high flow rates. V CELL® PLUS 3 is recommended where excellent retention associated with high flow rates is required.

V CELL® PLUS 5 is suitable for medium-rough filtering.

These precoat are health conscious: V CELL are classified not dangerous.

When using V CELL® PLUS comply with the relative legal regulations in force.

DIRECTIONS FOR USE



After dispersing V CELL® PLUS in the product to filter or in water, proceed with the pumping over to form the precoat in net of the pressure filter. It can also be used during streaming filtration, in the liquid to filter, to increase filterability yields.

DOSAGE



Given its effectiveness, 300 – 500 g per square metre of filtering surface in the precoat may be sufficient.

Up to 1-1.2 kg per square metre may be used for wines that are difficult to filter.

During streaming filtration 20-30 g/hl in addition to other filtering adjuvants.

PACKAGING



3 PE small bags, vacuum-packed, in 15 kg boxes.

STORAGE



Keep in a cool dry place. Close open packs again carefully.

HAZARD



Based on the current European regulations the product is classified: not hazardous.