

FIRST FIBRA

Pre-coated Filter Cake
for body-feed filters

TECNICAL CHARACTERISTICS

The main purpose of a pre-coated filter cake in body-feed filtration is that of ensuring the mechanical stability of the final filter cake.

FIRST FIBRA also positively affects the quality of the filtrate and the filtration yields.

FIRST FIBRA is obtained by blending a mix of anhydrous fibers of extra pure α -cellulose with high quality diatomaceous earth (D.E.). Due to the purity of its components, FIRST FIBRA does not alter the chemical-physical and organoleptic stability of the filtrate. Depending on the type of filtration, EVER proposes:

⇒ *FIRST FIBRA A.R. with permeability of 600-800/L/m²/h*

⇒ *FIRST FIBRA BRILL with permeability of 180-200/L/m²/h*

FIRST FIBRA acts on the QUALITY of the filtrate by improving its filterability (NTU), its Filterability Index and by adsorbing the unstable components, thus helping for the removal of microorganisms.

Besides giving mechanical stability to the filtering cake, FIRST FIBRA does improve filtration yields, reduces the time of discharge and washing of the filter, reduces the loss of product and prevents the passing of filter aid into the filtrate.

APPLICATIONS

⇒ *FIRST FIBRA A.R. is suggested for coarse filtrations, with high yield.*

⇒ *FIRST FIBRA BRILL is suggested for polishing filtrations.*

NOTE: In case of liquids with high contents of suspended particles, FIRST FIBRA may be used also in body-feed with a ratio of 10-20% to the filter aid (D.E. or perlite) in order to oppose the increase of differential pressure, maintain the hourly flow as long as possible and consequently the filtration yields.

DOSAGE AND INSTRUCTIONS FOR USE

1) Disperse 50% of the total dosage of FIRST FIBRA (400-600 g/m²) in the dosage tank of the filter. Recycle till complete formation of the cake.

2) Repeat the same procedure with the remaining 50% of FIRST FIBRA.

3) Repeat the same procedure with filter aid (e.g. 500-1000g/m² of D.E.)

4) Start dosing the filter aid in body-feed (from 10 to over 100g/hL), checking the dosage according to the difficulties of the product to be filtered.

Note: while preparing the filter cake, it is suggestible to use water or a liquid that has been previously filtered. The quality of the filtration depends also on a correct maintenance of the filter itself.

COMPOSITION

Extra pure α -cellulose, carefully mixed with selected Diatomaceous Earths.

PACKING: 15 kg bags.

This product is considered not dangerous thus it does not require a Material Safety Data Sheet.