

Cellulose Fibers

IFAB Diacel® Series

The Diacel® organic cellulose is suitable for precoat filtration of liquids that require optimum clarity and are used as precoat and body feeds. The fibrous structure of the cellulose forms a permeable and well-reinforced filter cake that is able to safely and effectively adsorb sediment and very fine particles.

Diacel® is used as a filter aid and together with diatomite or perlite to reinforce the filter cake. Diacel alpha cellulose is characterized by a high degree of purity. It contains no lignin, hemicellulose nor other impurities. It has low density when wet and is chemically inert in the presence of solvents and alkaline substances.

Cellulose is a filter aid that allows ecological and economical filtration. The cellulose is used in precoat filtration, in combination with mineral filter aids and as a pressing aid. As a precoat and body feed, our cellulose makes up for defects in the filter cloth and improves the filtration result. The cellulose powder is approved for foodstuffs, is non-carcinogenic and does not contain any ingredients that may lead to occupational health concerns.

It's low wet cake density results in considerably less amounts of filter aid to be consumed than with mineral filter aids. In addition, product losses are reduced due to high permeability, and disposal of filter sludge does hardly incur any costs.



Key Product Features

- High adsorption
- Capacity long service life
- High permeability
- Meets food contact requirements
- Compostable
- Preventing fine particulate bleed-through



Ecological and economical filtration



Pure cellulose



See webpage for related products



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