

Filter Aid Kieselguhr C 3500

Kieselguhr, Coarse

Kieselguhr C 3500 is a coarse diatomaceous earth for clarifying liquids heavily loaded with turbidities in the food and beverage industry. It is also ideally suited for primary pre-coating.

The specific advantages of Kieselguhr C 3500:

- High clarification sharpness
- Optimum dirt holding capacity
- Reliable filtration through rapid formation of an adherent filter cake
- Economic due to the optimum ratio of flow rate and clarification sharpness
- Maximum purity

Application

Kieselguhr C 3500 is used for diatomaceous earth filtration in the following filter devices:

- Pre-coat sheet/frame filters with washable support sheets, e.g. BECO® ENDURA® support sheets
- Pre-coat filters (vessel filters) with horizontal or vertical screen elements
- Cartridge filters with vertical filter cartridges
- Rotary vacuum filters for separating larger trub quantities, according to the machine manufacturer's specifications

Optimization of Pre-Coat Filtration

Filtration performance can frequently be improved by combining diatomaceous earth with other filter aids, e.g.

- BECOLITE™ filtration perlites,
- BECOCEL™ filtration cellulose fibers,
- BECOFLOC® filter flakes pre-coat filtration.

Product Characteristics

Kieselguhr (diatomaceous earth) is produced from the siliceous deposits of microscopic diatoms. The powdery Kieselguhr C 3500 is produced by mixing specially selected particle sizes. It is largely free from non-filtering components such as fine dust and silica sand.

Safety

When used and handled correctly, there are no known unfavorable effects associated with Kieselguhr C 3500. Inhalation of dust is harmful. If dust forms, use an extractor or wear a breathing mask.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

Storage

As an active adsorption substance, Kieselguhr 3500 can adsorb moisture and odors. Therefore, it should always be stored in an intact bag in a dry, well-ventilated place that is free from foreign odors.

Check odor in aqueous suspension before use.

Delivery Information

Kieselguhr C 3500 is sold under article no. 38.070 and is supplied in the following package size:

44.1 lb (20 kg) multi-layer valve paper bag

Certified Quality

Kieselguhr C 3500 is monitored constantly in the laboratory to ensure consistently high product quality.