



Product Data Sheet:

Sweetener Processing and Purification: Filtration / Turbidity Removal

Product: FA10

CarboUA product **FA10** is a diatomaceous earth filtration aid specifically designed for purifying cane sugar, beet sugar, and starch-derived sweeteners such as glucose and HFCS. Product **FA10** is designed to produce a clear filtrate while offering high operating flow rates. **FA10** is used as a body feed and precoat in the primary filtration stage, to reduce the majority of the turbidity. Additionally, **FA10** can be used as a mixture with CarboUA filter aid "**FA5**" on primary filtration (as body feed and/or as precoat) to produce a filtrate with very low turbidity in a single step filtration.

General Specifications

pH: 8 - 10 (10% slurry)

Bulk Density: 0.3 kg/L

Moisture: 2% max (as packed)

Median Particle Diameter 30 - 32 microns

Permeability (Darcy) 1.2 – 1.6

Lead (Pb) <5 mg/kg

Arsenic <3 mg/kg

Food Grade Applications

Carbo-UA FA10 meets the requirements of the US FDA for food processing under certain conditions, and meets the requirements for diatomaceous earth in the *Food Chemical Codex*, 4th edition.

Kosher Certification

Carbo-UA product FA10 is Kosher approved.

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General specifications are typical values for this product.

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