



Product Data Sheet:

Sugar Processing and Purification: Colour, Odour, and Filtration

Product: MCF-HT

Carbo-UA product **MCF-HT** is a high capacity wood-activated carbon based product specifically designed for decolourisation, deodourisation, and filtration of refinery sugar liquors. Product **MCF-HT** is especially useful for demanding applications such as high operating filter flux rates, and in higher feed turbidity applications. It is designed for use as a high-efficiency precoat media, for production of premium quality cane, beet, and starch-derived liquors. Particle size and formulation have been selected to insure long filtration cycles, and the convenience of little to no dust to maintain a cleaner and healthier operating environment.

General Specifications

Sugar Index: 75 min (Carbo-UA Method S-3)

pH: 6 – 8 (Carbo-UA Method S-4)

Density: 0.4 - 0.6 kg/L (as packed in 20 kg bags)

Total Ash: < 5% (Typical Lot Analysis)

Moisture: 35 - 42% as packed (Typical Lot Analysis)

Food Grade Certifications

Carbo-UA MCF-HT meets the requirements of the US FDA for food processing under certain conditions, and all applicable raw materials meet the requirements of the *Food Chemical Codex*, 4th edition.

Additional Certifications

Carbo-UA product MCF-HT is Halal and Kosher approved.

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General specifications for decolourisation capacity (Sugar Index) and pH are based on performance on a sugar of Carbo-UA's selection. Customized product specifications on individual customer's feed stocks can be tailored to insure performance consistency on an individual customer basis.

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