

# Technical Data Sheet



## **PRODUCT: CarboUA S Type 5-20, Pan Application**

This product is a sugar decolorant compound which also has purification and adsorption properties among other applications.

### **PROPERTIES**

The Stype5-20 Product contains strong activated-adsorbent radical group which can destabilize and trap impurities and then remove them from the pan. Its very low viscosity and high water solubility allows easy and complete elimination on the centrifugation stage. It helps to improve the efficiency of the centrifugation and therefore less washing time is required when Stype5 Product is used in the Pans. Product enjoys lower dosage rates and do not generate solid waste.

### **APPLICATION METHOD & NOTES**

The dosage depends on the quality of the syrup and the targeted quality of the sugar. Product is added between 150 – 500 ppm based on weight of solids and injected into vacuum pan:

- 30% of dosage - Pan footing level
- 30% of dosage - 50% of Pan level
- 20% of dosage - 80% of Pan Level
- 20% of dosage - Brixing stage

Main Benefits:

- Economical and more efficient compared to other methods of sugar decolorization for the Mill
- Better quality of sugar produced
- It improves the boiling house recovery

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General specifications are typical values for this product. Customized product specifications on individual customer's feed stocks can be tailored to insure performance consistency on an individual customer basis. Since the use of our products by others is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this product and product information, or the results obtained therefrom.

Version Date: June 2011.

### **GENERAL SPECIFICATIONS**

Parameter	Value
Appearance	Light-color, liquid
Solubility	Highly Soluble in Water
pH, 1% solution	4 - 6
Specific gravity	1.0 -1.2 (25°C)

### **PACKAGE AND DANGEROUS**

It is packaged in 1,100 kg IBC.

It is not dangerous goods

### **FOOD GRADE CERTIFICATIONS**

**CarboUA S type 5-20, Pan Application** meets the requirements of the US FDA for sugar processing under certain conditions, and all applicable raw materials meet the requirements of the *Food Chemical Codex*, fourth edition.

### **KOSHER CERTIFICATION**

**CarboUA S type Products** are Kosher approved.