

ColorSorb® C9

powdered wood based
activated carbon

Features and Benefits

- Steam activation
- General purpose adsorbent
- Unique mesopore system
- Low mineral ash content
- Stringent pH specification
- Strictly controlled particle size

Typical Applications

- Glycerine (technical)
- Gelatine
- Edible oil and fat
- Electrolysis process

Certifications and Approvals

- US Food Chemicals Codex

ColorSorb® C9 is a general purpose adsorbent manufactured using steam activation of selected grades of wood. This material exhibits a mesopore system, ideal for the rapid diffusion and efficient adsorption of light organic molecules. The unique manufacturing process provides a range of materials, readily capable of operating in equilibrium with the pH of the adsorption system. Strict control of the particle size is used to optimize adsorption kinetics and assist with efficient filtration.



ColorSorb® is designed for use in food, chemical and pharmaceutical applications, for the adsorption of bulky organic molecules and decolorization.

Specification*

Iodine number	min. 600 mg/g
Total ash content	max. 8%
Moisture content	max. 5%
pH	9 - 11

Particle Size Distribution

<100 USS (0.15 mm)	95 - 100%
<200 USS (0.075 mm)	80 - 95%
<325 USS (0.045 mm)	65 - 80%

Standard Packaging

- 20 kg (44 lb) sacks
- 500 kg (1100 lb) bulk bags



Typical Properties*

Surface area (BET)	700 m ² /g
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Jacobi
THE CARBON COMPANY



Paper bags,
20 bags per pallet.



CAUTION Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

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