ColorSorb® P7

powdered wood based activated carbon

Features and Benefits

- Chemical activation (phosphoric acid)
- Premium activity adsorbent
- Predominantly macroporous
- Low mineral ash content
- Stringent pH specification
- Strictly controlled particle size

Typical Applications

- Cane sugar
- Beet sugar
- Decolorization of chemicals
- Scrap candy recovery processes
- Pharmaceuticals (API)
- Alcohol decolorization (cider)

Certifications and Approvals

- US Food Chemicals Codex

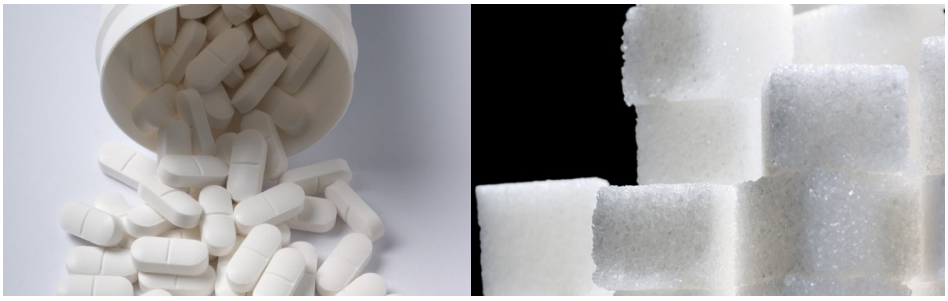
Standard Packaging

- 20 kg (44 lb) sacks
- 400 kg (880 lb) bulk bags



The multiwall paper/PE bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

ColorSorb® P7 is a premium activity adsorbent manufactured using chemical activation (phosphoric acid) of select grades of wood. This material has a predominantly macroporous structure for efficient diffusion and effective adsorption of high molecular weight organic substances in liquid phase decolorization applications. The chemical activation process produces an adsorbent with a surface pH designed to maximize decolorization performance. 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. 900 mg/g
Molasses number (Eu)	140-160
Total ash content	6%
Moisture content	max. 10%
pH	6 - 7
Phosphate content	max. 1.7%

Particle Size Distribution

‹100 USS (0.15 mm)	95 - 100%
‹200 USS (0.075 mm)	85 - 95%
‹325 USS (0.045 mm)	65 - 85%

Typical Properties*

Surface area (BET)	1150 m²/g

*Specifications and typical properties are produced using Jacobi Carbons' test methods. They are listed for informational purposes only and not to be used as purchase specifications. Sales specifications can be obtained from your Jacobi Carbons Technical Sales Representative and should be reviewed before placing an order.

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.

ISO 9001
BUREAU VERITAS
Certification

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