

PROCARB-900

Description

Rotocarb's ProCarb series of Granular Activated Carbons (GAC) are derived from macadamia nut shells through steam activation. The bimodal meso and micro porosity composition of the GAC allows for the adsorption of both small and larger sized impurities. These carbons are thus effective in the purification and decolorization of aqueous solutions in a broad range of industry applications. The raw material used in the ProCarb series coupled with Rotocarb's innovative technology has allowed for the development of an AC product with a unique set of properties. ProCarb's granular activated carbons bridge the gap between coal and coconut shell carbons by offering a special blend of trait features from both of these carbonaceous sources.

Applications

Water Treatment:

- Wastewater
- Drinking Water
- Municipal Water
- Water Reuse
- Aquatics

Food and Beverage:

- Colour Removal
- Brewing
- Wine
- Spirits
- Juices

Gold Recovery:

- Carbon in Pulp (CIP)
- Carbon in Leach (CIL)

Advantages

- A wide range of containment removal capabilities due to bimodal pore structure
- Low ash content
- Highly effective adsorbing pore structure
- High surface area
- Steam activated
- High hardness thus reduced fines during backwash
- SANS 52915 Compliant - Products used for treatment of water intended for human consumption
- Superior Gold Adsorption in CIL and CIP



ProCarb-900 Specifications

Iodine Number (mg/g)	900+
Carbon Tetrachloride	45+
Ash Content (wt%)	< 3
Moisture Content (wt%)	< 3
Ball Pan Hardness	95 - 96
Apparent Density (g/cc)	0.36

ProCarb-900 Sizing and Packaging

Sizing (ASTM Mesh)	6x12, 8x16, 8x30, 12x30, 12x40
Packaging	20kg Bags or 335kg Bulk Bags