

PETROCHEMICAL CARBONS



PROCARB-900 GAC

Description

Rotocarb's ProCarb-900 series of Granular Activated Carbon (GAC) is manufactured from sustainably sourced macadamia nut shells through steam activation. The resulting high-density carbon structure with a highly developed bimodal meso- and micro- porous structure allows for the effective removal of a broad spectrum of contaminants in petrochemical filtration applications.

The specialized porous structure provides exceptional adsorption capacity for a wide range of organic impurities, with a particular high affinity for sulphur-based compounds. This makes ProCarb-900 an ideal media for applications requiring desulphurization, odour control, and impurity removal in petrochemical processing and refining.



Product Advantages

- Steam Activated
- No Regenerated Content
- Highly Developed Internal Surface Area
- Highly Effective Bi-modal Adsorbing Pore Structure
- High Sulphur Adsorption Efficiency

Applications¹

- Desulphurization and Odour Control
- Petrochemical & Refining Processes
- Industrial Gas Treatment
- Polishing

ProCarb-900 Specifications

Iodine Number (mg/g)	900+
Ash Content (wt%)	< 3
Moisture Content (wt%)	< 5
Ball Pan Hardness (%)	min 97
Apparent Density (kg/m³)	380

Sizing and Packaging

Sizing (ASTM Mesh)²	8x30, 12x40, 100-600, 0-100
Standard Packaging	20kg Bags or 335kg Bulk Bags

1. Contact for application specific / technical input

2. Contact for alternative / custom size ranges