

GAS ABATEMENT CARBONS



Description

Rotocarb's FloCarb 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 adsorption of a wide variety of molecular sizes, making this carbon ideal for a broad range of gas phase treatment applications. The larger FloCarb granules offer high strength and surface area which allow for better gas flow and low back pressures on the filtration systems.



Product Advantages

- Steam activated
- No regenerated content
- Highly developed internal surface area
- Highly effective bi-modal adsorbing pore structure
- Wide range of contaminant removal capabilities
- Low ash content
- High hardness and mechanical strength
- Low back pressure across filter bed

Applications¹

- Odour Control
- Vapour Phase Extraction
- Volatile Organic Compound Removal
- Lab Gas Filtration
- Environmental Air Treatment
- Agricultural Air Treatment
- Solvent recovery

FloCarb Specifications

Iodine Number (mg/g)	900+
Ash Content (wt%)	< 3
Moisture Content (wt%)	< 5
Ball Pan Hardness (%)	Min 97
Apparent Density (kg/m³)	360

Sizing and Packaging

Sizing (ASTM Mesh)²	3x6, 6x8, 3x8
Standard Packaging	20kg Bags or 335kg Bulk Bags

1. Contact for application specific / technical input

2. Contact for alternative / custom size ranges