

# 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 range of molecular sizes, making this carbon ideal for a broad range of gas phase treatment applications. The larger FloCarb granule offers a hard carbon with a large surface area which accommodates better gas flow and low back pressures on 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

## Applications<sup>1</sup>

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

## FloCarb Specifications

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

## Sizing and Packaging

Sizing (ASTM Mesh) <sup>2</sup>	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