WATER 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 adsorption of a range of molecular sizes, making this carbon ideal for a broad range of water treatment applications. Due to this unique structure, this premium grade GAC bridges the gap between conventional coal and coconut carbons and may be used as an effective alternative to either. This product is ideally suited for high-end water treatment applications.

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
- Rapid bed fluidization and low energy backwash
- SANS 52915 (EN12915) Compliant - Products used for treatment of water intended for human consumption

Applications[1]

- Potable / Drinking water treatment
- Municipal water treatment
- High-end waste water treatment
- Water re-use applications
- Pre-filtration for Reverse Osmosis Systems
- Aquaculture Systems
- Ground water treatment
- Process water treatment for food and beverage sectors

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

Sizing and Packaging	
Sizing (ASTM Mesh)[2]	6x12, 8x16, 8x30,12x30,12x40
Standard Packaging	20kg Bags or 335kg Bulk Bags

1. Contact for application specific / technical input
2. Contact for alternative / custom size ranges

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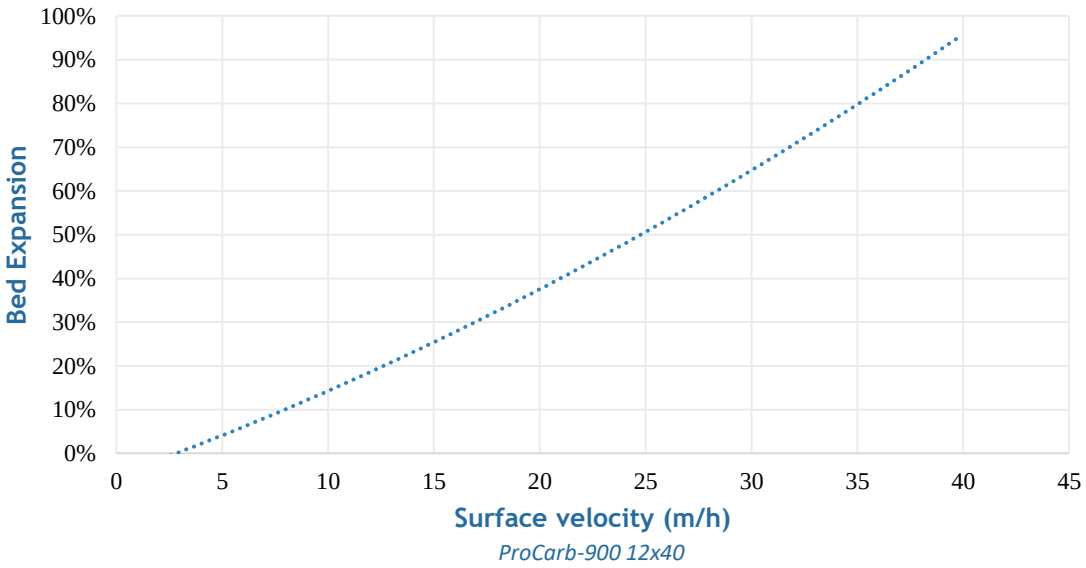
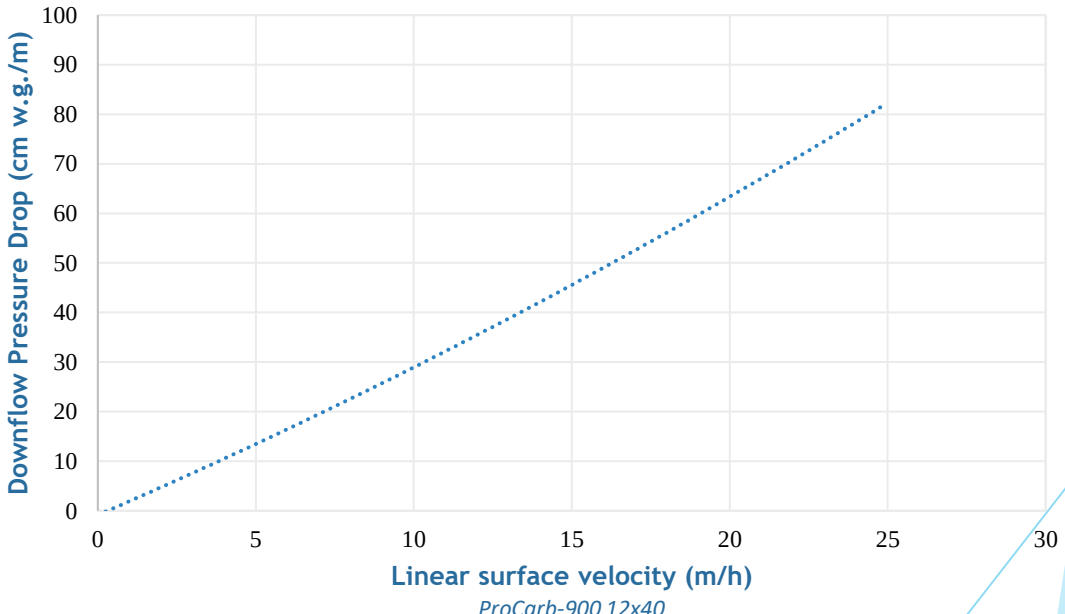
Bed Expansion



ProCarb-900 12x40

Downflow Pressure Loss



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