

CARBON

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 microporous 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.

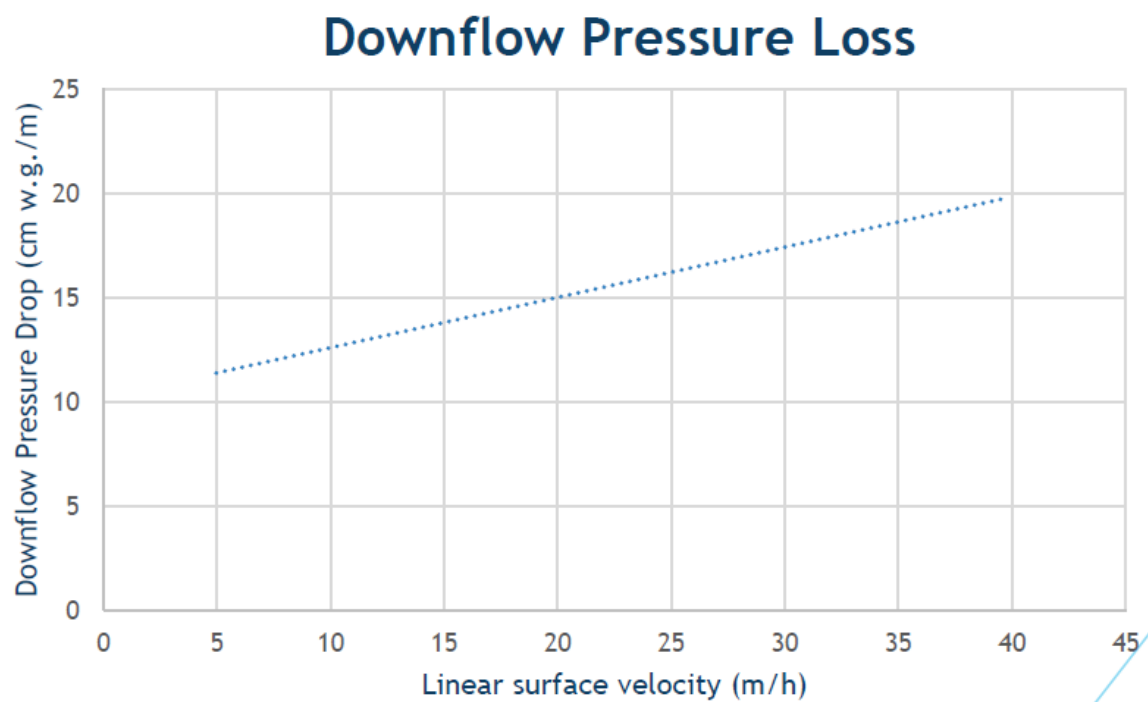
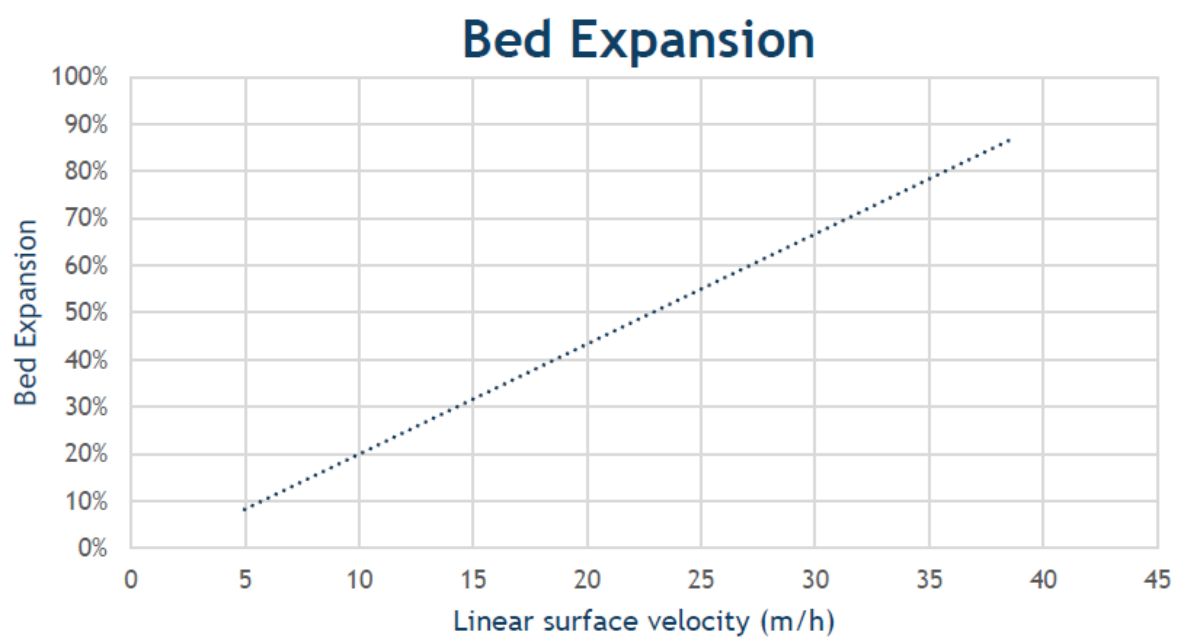
Product Advantages

- 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
- SANS52915(EN12915) Compliant-Products used for treatment of water intended for human consumption

Applications1

- 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



Our coconut shell based activated carbon are suitable for several applications like dechlorination, deodorization, decolourisation, removal of organic impurities and general water and waste water treatment.

SPECIFICATION

Grade	GL-2
Base	Coconut Shell
Appearance	Black Granules
Particle Size	As per customer choice. 8x30, 4x8, 8x16,10x30,12X40.
Iodine Number (Indian Standard 2752 - 1995)	950 - 1000 mg/gm
Bulk Density	0.50-0.60 g/ml
Moisture Content	10 % Max (when packed)
Ash Content	5% Max
Water Soluble Ash	1.0 % max
Surface Area (BET M ₂ /g)	950 M ₂ /g
Hardness Index (% min)	98
pH of 1% Aqu. Extract	7 to 10