

5DC 0830 Product Data Sheet

Virgin Liquid Phase Coconut Based Activated Carbon

Description

Newterra 5DC 830 is a coconut-based activated carbon specially designed to remove low concentrations of weakly adsorbed organics from water. This activated carbon combines higher than usual microporosity with sufficient transport pores to permit superior loadings of highly soluble organics.

Typical Properties	Newterra 5DC 830
U.S Sieve, 90 wt% min	8 x 30
Iodine Number, mg/g, min	1100
Apparent Density, (<i>dense packing</i>)	
g/cc	0.42 - 0.47
lbs/ft ³	26 - 29
Abrasion No. - min	85

Typical Applications

This activated carbon is more cost effective than standard liquid phase carbons in removing highly soluble organics such as methyl tertiary butyl ether (MTBE) and tertiary butyl alcohol (TBA) from water. This carbon is typically employed in an adsorber downstream of Newterra 5D 1240 or other Newterra liquid phase adsorbent which exhibits broad-spectrum purification ability.

Standard packaging of the activated carbon is in 55 pound bags or 1100 pound supersacks.

Wet drained activated carbon adsorbs oxygen from the air. Therefore, when workers need to enter a vessel containing wet activated carbon, they should follow confined space/low oxygen level procedures. Activated carbon dust does not present an explosion hazard.

What's Your Unique Water Question?

For just about any water problem, Newterra has you covered. Our temporary ownership and rental solutions can save precious capital while solving a critical need. Newterra offers flexible terms and conditions to suit any customer.

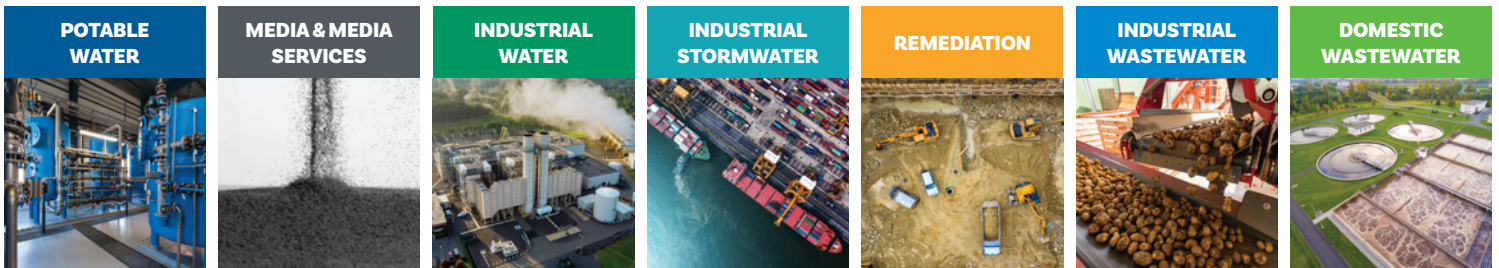
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Advantages of Activated Carbon

Also known as **activated charcoal**, offers several advantages due to its unique properties and versatile applications such as:

- Adsorption
- Water Purification
- Toxin Removal
- Chemical Stability
- Odor Removal
- Air Purification



From Source to Solution – Choose Newterra

Your trusted partner for comprehensive environmental solutions

With **technology brands whose histories expand back for more than 150 years**, Newterra has steadily grown from its roots to become a global solutions provider in water and wastewater treatment. Our journey is a testament to our deep understanding of the multifaceted challenges across various markets and applications.

Our “One Newterra” ethos is a commitment to providing a comprehensive array of technical solutions, ensuring we address the full spectrum of our clients’ needs. This dedication extends beyond technology, as we nurture enduring partnerships with our clients, standing by them throughout every phase of their challenges. At the heart of Newterra is our unwavering commitment to sustainability.

Our people, our technologies and our practices contribute meaningfully to a sustainable and brighter future.



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