

5D 0830 Product Data Sheet

Virgin Liquid Phase Coal Based Activated Carbon

Description

Newterra 5D 0830 is a granular activated carbon made from selected grades of bituminous coal. The range of pore sizes can accommodate organic molecules of varied size. The higher adsorption energy pores of this activated carbon permit the attainment of 100% removal of most organics from water and other liquids.

Typical Properties	Newterra 5D 0830
U.S Sieve, 90 wt% min	8 x 30
Iodine Number, mg/g, min	900
Apparent Density, (<i>dense packing</i>)	
g/cc	0.43 - 0.48
lbs/ft ³	27 - 30
Moisture - wt% max (<i>as packed</i>)	3
Hardness No. - min	95
Abrasion No. min	80

Typical Applications

This activated carbon can be used to remove:

- BTEX and other organic compounds from ground water
- Organic compounds from wastewater
- Organic compounds from potable water
- Trace organics from process streams such as alcohols, glycerine, MEA, acids, etc.

Product Specifications

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.

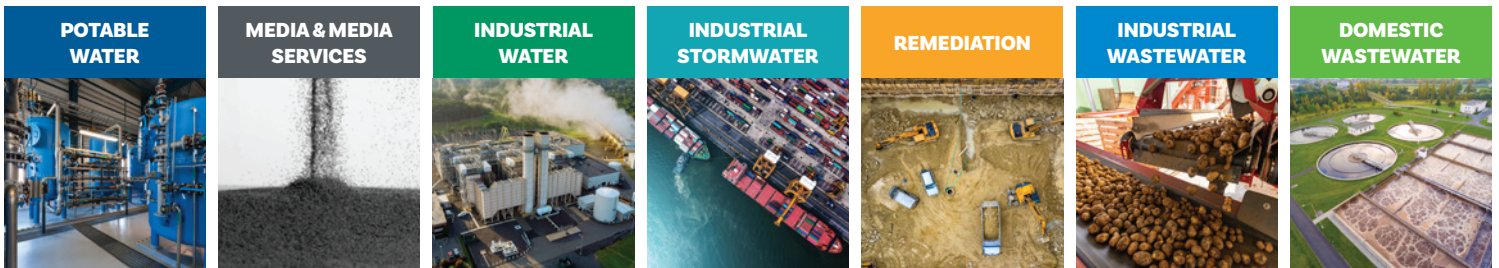
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Advantages of Activated Carbon

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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