

5C 0410 Product Data Sheet

Virgin Vapor Phase Coal Based Activated Carbon

Description

Newterra 5C 0410 is a granular activated carbon made from selected grades of bituminous coal. The combination of high activity level with a selection of transport and adsorption pores can accommodate adsorbates of varied molecular size. This activated carbon also contains the high-energy adsorption pores which are vital to attaining ultra high removal of low molecular weight volatile organic compounds.

Typical Properties	Newterra 5C 0410
U.S. Sieve, 90 wt% min	4 x 10*
CCl ₄ Number, min	60
Iodine Number, mg/g, min	1000
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	93

*Sizes also available are 0408, 0616 and 1230

Typical Applications

This activated carbon can be used to:

- Capture solvents
- Remove VOC's from:
 - Tank vents
 - Air stripper off gas
 - Soil venting
 - Remediation of excavated soil

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.

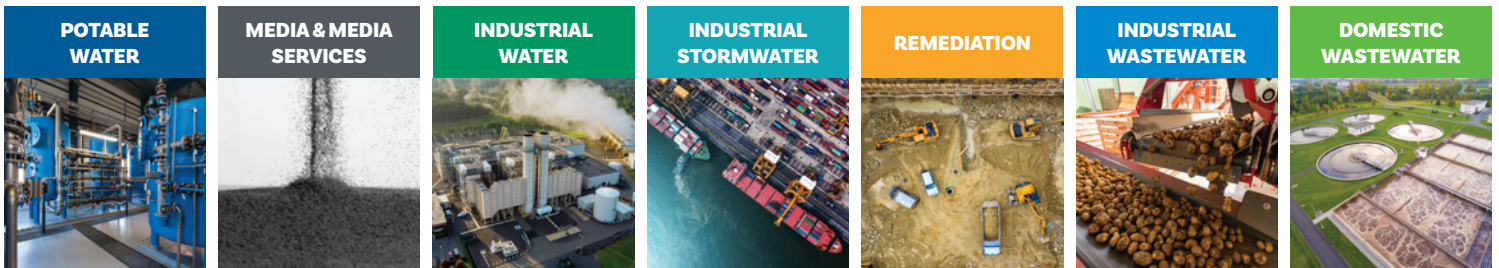
Contact us today at +1 800.420.4056 or visit us online at newterra.com



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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