

5CC 0408 Product Data Sheet

Virgin Vapor Phase Coconut Based Activated Carbon

Description

Newterra 5CC 0408 is a granular activated carbon made from coconut shell. The combination of high activity level and selective transport and adsorption pores accommodates 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 5CC 0408
U.S. Sieve, 90 wt% min	4 x 8
CCl ₄ Number, min	60
Iodine Number, mg/g, min	1150
Apparent Density, (<i>dense packing</i>)	
g/cc	0.41 - 0.42
lbs/ft ³	26
Moisture - wt% max (<i>as packed</i>)	3
Hardness No. - min	98

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?

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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



“With Newterra, it’s more than a service; it’s a partnership... minimizing media consumption and maximizing efficiency.”



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.

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