

5DC 1240 NSF Product Data Sheet

Virgin Liquid Phase Coconut Based Activated Carbon

Description

Newterra 5DC 1240 NFS is a coconut-based activated carbon specially designed to remove low concentrations of contaminants in potable water applications. This activated carbon combines high microporosity and high surface area to permit effective removal of THM's, chlorinated hydrocarbons and other contaminants.

Typical Properties	Newterra 5DC 1240 NSF
U.S Sieve, 90 wt% min	12 x 40
Iodine Number, mg/g, min	1100
Apparent Density, (<i>dense packing</i>)	
g/cc	0.48 - 0.50
lbs/ft ³	29 - 31
Abrasion No. - min	85
Total Surface Area, m ² /g	1150 - 1200
Ash (ASTM-2866), % w/w	3.0

Typical Applications

In Newterra Liquid Phase Potable Water Treatment Equipment, Newterra 5DC 1240 NSF will effectively remove organics listed above as well as chlorine, phenols, pesticides, taste & odor, etc. Newterra 5DC 1240 NSF meets AWWA Standard B-600-74, ANSI/NSF Standard 61 for drinking water applications.

Product Specifications

Standard packaging of the activated carbon is in 1100 pound supersacks or bulk trailers.

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.

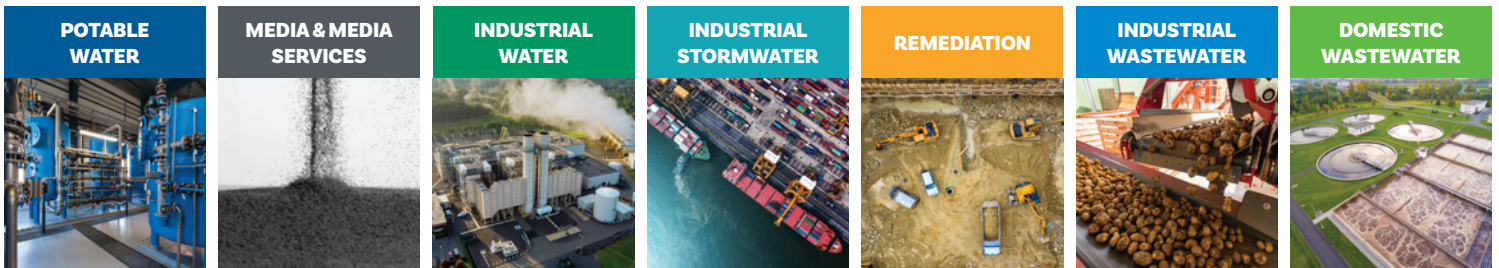
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Advantages of Activated Carbon

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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