

ZEUS Product Data Sheet

Vapor Phase Activated Carbon for H₂S Removal

Description

Newterra ZEUS is an activated carbon product which is designed specifically for the removal of hydrogen sulfide with improved performance versus virgin carbon, without using impregnants. The manufacturing process enhances its properties for removing hydrogen sulfide. The product reduces the risk of exotherms associated with using chemically impregnated products.

Typical Properties	Newterra ZEUS
U.S. Sieve, 90 wt% min	4 x 10
Apparent Density, (<i>dense packing</i>)	
g/cc	0.40
lbs/ft ³	25
Moisture - wt% max (<i>as packed</i>)	8
Hydrogen Sulfide Capacity - g H ₂ S/cc carbon (<i>ASTM D6646</i>)	0.20

Typical Applications

Newterra ZEUS activated carbon is recommended for applications where hydrogen sulfide needs to be removed from the gas stream.

Use in combination with standard vapor phase carbons to remove other organics.

Product Specifications

Standard packaging of the activated carbon is in 40 lb. bags or 1000 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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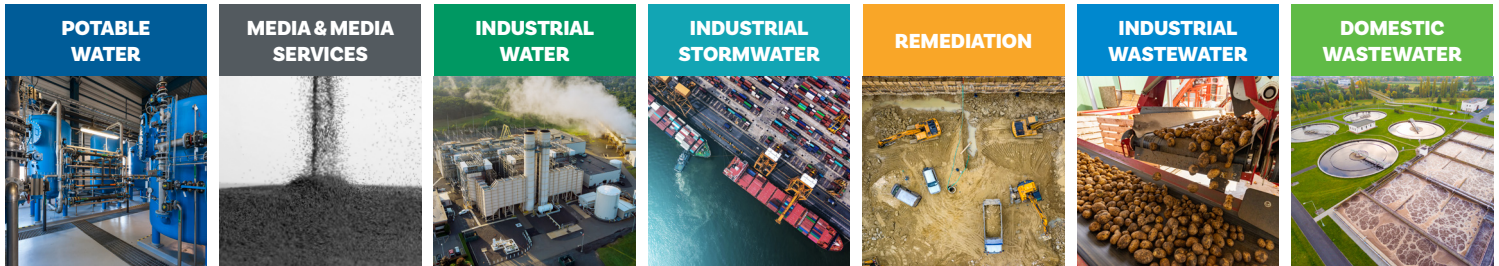
Advantages of Activated Carbon

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



“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.

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



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