

SAFE Product Data Sheet

Ketone Activated Carbon

Description

Newterra SAFE Carbon is a coal based activated carbon that has been impregnated with an antioxidant. This impregnant minimizes the temperature rise of the carbon in vapor phase applications when oxidizable ketone compounds are adsorbed. This carbon retains the activity and capacity for removing volatile organic compounds. Newterra Safe can be supplied in granular or pellet form.

Typical Properties	Newterra SAFE	
U.S Sieve, 90 wt% min	4 x 10*	Pellet
CCl ₄ Number, min	55	55
Iodine Number, mg/g	925	925
Apparent Density, (<i>dense packing</i>)		
g/cc	0.51	0.54
lbs/ft ³	31	32
Moisture - wt% max (<i>as packaged</i>)	2	2
Hardness No. - min	95	99

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 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.

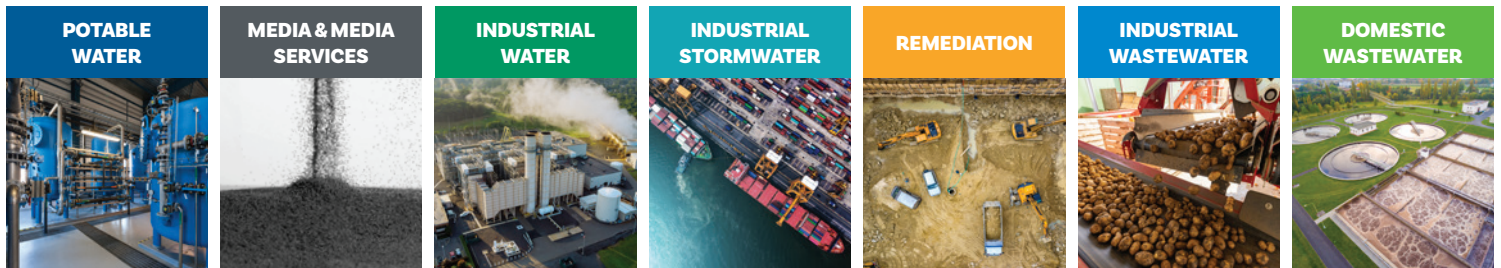
Contact us today at +1 800.420.4056 or visit us online at newterra.com



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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