

HP Product Data Sheet

Ammonia & Amine Removal Activated Carbon

Description

Newterra HP is a high activity coal based activated carbon which is specially impregnated to remove ammonia from air. The extensive surface area permits optimum distribution of the impregnated reagent for maximum reaction rate and full stoichiometric utilization. The finished product retains sufficient unimpregnated surface area to function as an effective adsorbent, in addition to its primary chemisorption role, thus allowing reduction of a wide variety of organic contaminants.

Typical Properties	Newterra
U.S Sieve, 90 wt% min	4 x 10
Iodine Number, mg/g	1000
Apparent Density, (<i>dense packing</i>)	
g/cc	0.54 - 0.56
lbs/ft ³	35 - 35
Moisture – wt% max (<i>as packaged</i>)	15
CCl ₄ Number, min	1000

Typical Applications

Newterra HP activated carbon is recommended for applications where ammonia (1-100ppmv)

Product Specifications

Standard packaging of the activated carbon is in 250 pound drums.

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



“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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