

5DW 1435 Product Data Sheet

Virgin Liquid Phase Wood Based Activated Carbon

Description

Newterra 5DW 1435 is a granular activated carbon made from wood. The range of pore sizes can accommodate organic molecules of varied size, especially larger ones such as color molecules.

Typical Properties	Newterra 5DW 1435
U.S Sieve, 90 wt% min	14 x 35
Iodine Number, mg/g	900
Apparent Density, (<i>dense packing</i>)	
g/cc	0.24 - 0.30
Moisture - wt% max (<i>as packaged</i>)	10
Meets Food Chemicals Codex	Yes

Typical Applications

This activated carbon is typically used for decolorization of:

- Scrap candy and edible oil
- Alcohol
- High purity solvents
- Refined and Plantation White sugar liquors
- Water and wastewater
- Chlorine from drinking water

Product Specifications

Standard packaging of the activated carbon is in 660 pound bulk bags.

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. 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.

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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.

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