

## 5DAW 1240 Product Data Sheet

### Virgin Liquid Phase Coal Based Activated Carbon

#### Description

Newterra 5DAW 1240 is a granular activated carbon made from selected grades of bituminous coal which has been acid washed. This activated carbon is used for the decolorization and purification of acidic organic and aqueous liquids which may be sensitive to iron which could be solubilized from standard activated carbon.

| Typical Properties                         | Newterra 1240 HM |
|--|------------------|
| U.S Sieve, 90 wt% min                      | 12 x 40*         |
| Iodine Number, mg/g, min                   | 950              |
| Abrasion No. min                           | 85               |
| Apparent Density, ( <i>dense packing</i> ) |                  |
| g/cc                                       | 0.44 - 0.46      |
| lbs/ft <sup>3</sup>                        | 27 - 29          |
| Moisture - wt% max ( <i>as packaged</i> )  | 2                |
| Acid soluble ash – wt% (max)               | 8                |

*\*Size 0830 is also available*

#### Typical Applications

This activated carbon can be used to purify solutions having low pH, such as hydrochloric acid, corn syrup, and high fructose corn syrup. It is also used where high purity water is important, such as bottling and brewing.

#### 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?

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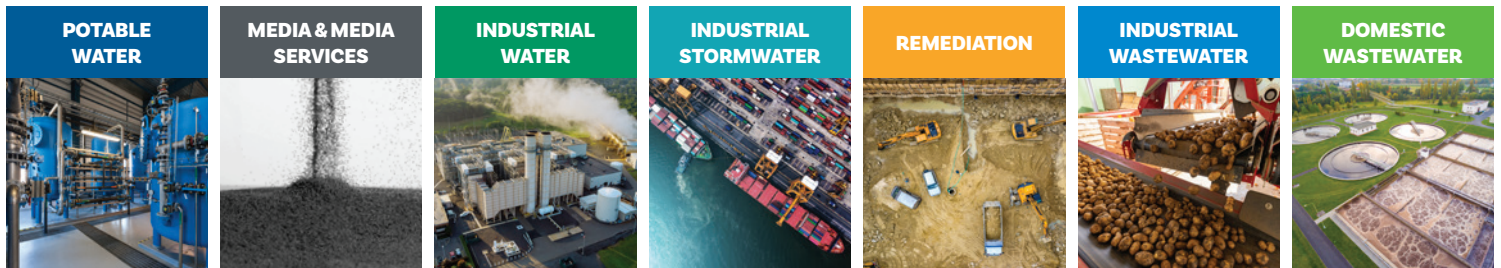
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#### Advantages of Activated Carbon

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

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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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