

**ACWorks-CTC** is a 4 mm activated carbon pellet produced in the United States, derived from high-quality bituminous coal and manufactured through a process called reagglomeration resulting in a highly adsorbent product suitable for eliminating contaminants in a wide variety of applications.



The specialized processing and resultant pore structure of ACWorks-CTC provide superior adsorption capabilities. The high pellet hardness results in lower attrition, and the pellet's lower pressure drop will reduce energy consumption in many applications.

This superior 4mm pellet product can be regenerated as well as impregnated which allow it to be used in multiple industrial applications.

### SPECIFICATIONS

### ACWorks-CTC

CTC Number (ASTM D5742)	≥ 60%
Moisture Content (ASTM D2867)	< 5%
Total Ash Content (ASTM D2866)	< 12%
Ball Pan Hardness (ASTM D3802)	≥ 97%

### TYPICAL PROPERTIES

### ACWorks-CTC

BET Surface Area (N2 adsorption)	900-1100 m <sup>2</sup> /g
Butane Activity (ASTM D5742)	≥ 23.5%
Apparent Density (ASTM D2854)	0.45 – 0.50 g/cc
Pellet Diameter (ASTM D2862)	4 mm ± 10%

### Applications

- » Volatile Organic Compound (VOC)
- » Paint spray booths
- » Heating, ventilation, and air conditioning systems
- » Aquariums
- » Gas purification
- » Odor control
- » Landfill leachate
- » Food & Beverage

### Features and Benefits

- » Available in 1,000 lb. super sacks
- » High adsorption capacity
- » High pellet hardness reduces attrition and dusting during handling
- » 4mm cylindrical pellet
- » Low ash content
- » Sourced and manufactured by reagglomeration in the U.S.A
- » Domestic production facility allows for faster delivery and fewer supply chain issues.

#### Safety Disclaimer:

Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, proper safety procedures should be followed, and PPE adorned.

