

CarbPure AP4

Activated Anthracite Pellets for
Gas Phase Adsorption Applications

CarbPure® AP4

CarbPure® AP4 is a 4mm Activated Anthracite Pellets designed for various gas phase adsorption applications:

- Effluent gas purification
- Indoor air purification
- Solvent vapor recovery

CarbPure AP4 is a hard, cylindrically shaped pellet steam activated from anthracite coal. This results in a uniformly sized product with excellent characteristics for low pressure drop in gas phase adsorption units.

Activation of this product is carefully controlled at optimum time and steam injection conditions to produce a high purity and highly microporous pellet for effective adsorption of a broad range of gas phase contaminants and molecules.

Package and Delivery

CarbPure AP4 is packaged and delivered in 1000 pound bags.

Product Benefits

- Uniform sizing for low pressure drop
- Formulated to produce a hard pellet that minimizes abrasion and fines generation
- High microporosity for effective adsorption of broad range of gas phase contaminants and molecules

Product Specifications

| | |
|---|----------------------|
| Iodine Number: | 1000 mg/g minimum |
| Moisture (as packed): | 3% maximum by weight |
| CCl4 Activity: | 55% maximum |
| Ball Pan Hardness: (Retention) | 95% minimum |

Typical Properties

| | |
|------------------------------|--------------------------------|
| Surface Area: | 1000 m ² /g minimum |
| Apparent Density: | 0.44 to 0.50 g/cc |
| Pellet Diameter: | 4 mm |
| Pellet Length: | 6 mm |
| Mean Pellet Diameter: | 4.7mm |

CarbPure
TECHNOLOGIES

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