

AP4-60

Pelletized Activated Carbon

Applications



Gas Processing



Catalyst Support



Landfill Leachate



VOC Remediation



VOC Industrial



Odor Control

AP4-60 is suited for either regenerable or one-time use systems:

- Ventilation and air conditioning systems
- Paint spray booths
- Industrial odor removal
- Solvent recovery
- Volatile Organic Compound (VOC) abatement

Description

AP4-60 is a 4 mm pelletized activated carbon designed for air and gas purification applications. It is manufactured by high temperature steam activation of bituminous coal. This produces a porous material with a high surface area allowing it to adsorb a wide range of organic compounds.

Features / Benefits

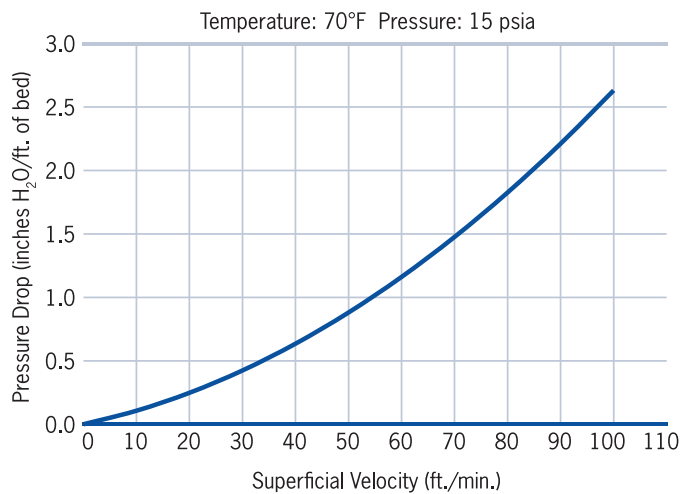
- Cylindrical pellet
- High hardness provides excellent resistance to mechanical and thermal stress, low fines generation, and less dust
- Provides a lower pressure drop which reduces fan energy consumption as compared to granular activated carbons

Specifications

AP4-60

Carbon Tetrachloride, wt%	60 (min)
Moisture (As Packaged), wt%	5 (max)
Hardness Number	90 (min)
Ash, wt%	14 (max)
< 6 US Mesh [3.35mm] (Pellet), wt%	5 (max)

Typical Pressure Drop (4 mm Pellet)



Design Considerations

The design of an activated carbon adsorption system is dependent on the adsorbate type, influent concentration, temperature, flow rate, performance objective, relative humidity and other factors.

Calgon Carbon can help evaluate the suitability of AP4-60 to satisfy your specific needs and assist in the design of an adsorption system. In addition to the supply of activated carbon, Calgon Carbon offers a complete line of standardized, pre-engineered adsorption systems.

Safety Message

Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.

1.800.4CARBON calgoncarbon.com

© Copyright 2015 Calgon Carbon Corporation, All Rights Reserved
DS-AP46015-EIN-E1