

Activated Carbon - Acid Washed

Granular Activated Carbon - Acid Washed is made from selected bituminous coal to insure positive quality control during the manufacturing process. Virgin raw material is activated thermally in a rotary kiln steam atmosphere. By maintaining high quality

control standards, the customer is able to anticipate high adsorption of their molecular impurities. The finished product is acid washed and dried to remove any trace of impurities.

Grade 1240AW	General Specifications
Iodine Number	1000 mg/g minimum
Apparent Density	Typical 0.44 - 0.49 g/cm ³ minimum
Abrasion Number	75 minimum
Moisture as Packed	5% maximum
Total Ash	10% maximum
Water Soluble Ash	0.2% maximum
Total Surface Area (N ₂ BET Method)	Typical 1000 m ² /g minimum
pH	5 - 8
Particle Size Distribution	12 X 40 U.S. Mesh
Larger than No. 12 mesh	5% maximum
Smaller than No. 40 mesh	5% maximum

Caution: Wet Activated Carbon Depletes Oxygen from Air.

Whenever workers enter a vessel containing carbon, all precautions must be taken since dangerously low levels of oxygen may be encountered. Atmosphere sampling and work procedures for potentially low oxygen areas should be followed.

Standard Packaging:

55 lb bags or 1100 lb supersacks.

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