



Carbon, Activated

Other Names

active carbon; activated charcoal

Description

An amorphous form of carbon characterized by high adsorptivity for many gases, vapors and colloidal solids. The carbon is obtained by the destructive distillation of wood, nut shells, animal bones, or other carbonaceous material. It is "activated" by heating to 800-900C with steam or carbon dioxide which results in a porous internal structure (honeycome-like). The internal surface area of activated carbon averages approximately 10,000 square feet per gram. The density is from 0.08 to 0.5. It is not effective in removing ethylene

Properties

- as activated charcoal
- USP
- Technical

Directions for use

Decolorizing of sugar, water and air purification, solvent recovery, waste treatment, removal of sulfur dioxide from stack gases and "clean" rooms, deodorant, removal of jet fumes from airports, catalyst natural gas purification, brewing, chromium electroplating, air conditioning.

Hazard Warning

Combustible. Toxic by inhalation of dust.

Dosage

None

Packaging

15-kg & 50-lb bags