

ACTIVATED CARBONS

Gas treatment and industrial usage

ACTIVATED CARBONS FOR AIR TREATMENT AND PROTECTION AGAINST AIR POLLUTION

Air pollution is the result of industrial development and modern life (restaurants, fast food production etc). On the other side, accidents like fires or explosions are some of the significant sources of pollution that are harmful to human life. Using the filters for individual and collective industrial protection is imperative for protection of the people and environment. Air treatment in industrial areas demand different filter designs with different types of carbon, depends of pollution source. As the manufacturer of activated carbons with long history, TRAYAL Corporation is able to give all the necessary engineering support in construction of filters and in quality inspection.

The filters made with carbon are for:

- Industrial protection (classification according EN14387)
- Special group consists of filters designed for accidents thus providing protection against carbon monoxide CO and other acidic and base gases.
- Special (NBC) individual or collective protection.
- Recovery of steam and gases of organic solvents, and for the purification of compressed air.

ACTIVATED CARBONS FOR INDUSTRIAL USAGE

The most significant users of activated carbons are as follows:

- Food industry- for water treatment, in production of juice, alcohol, milk, ice cream.
- Used types: KZ-81/C, KCS, K-81/B, KRF or K/B powder and ACP 900/10.
- For treatment of juice and wine: S2A/S(4.5-5.5), S2A(6-8).
- For moving colors of starchy foods: S2A/S(4.5-5.5), S2A(6-8).
- Pharmaceutical industry: SX, MEKS-95,
- Chemical industry: KZ-81/C, KCS, K-81/B, KRF or K/B powder and ACP 900/10
- Nuclear power production: Kne.



ACTIVATED CARBONS FOR MEDICAL APPLICATION

Due to its high adsorption surface of the non-selective adsorption capability (adsorbing a wide range of contaminants, toxic substances and poisons that encourage metabolism, bacteria or the inflammation of gastrointestinal tract), activated carbon can be used in human and veterinary medicine.

Produced and certified according to the standards to meet European Pharmacopoeia Ph.Eur.6.0.

Activated carbon MEKS-95 was used to prepare tablets (compact) and the capsule, for human use.

Activated carbon MEKS-95/V is used in veterinary medicine as an auxiliary agent.

