



CCC GAC- ABEK

Granular activated carbon for industrial gas mask filters

Standard Product Specifications

CCC GAC-ABEK is an impregnated granular activated carbon designed to use in industrial gas mask filters. **CCC GAC-ABEK** protects against gases and vapors of organic and inorganic compounds including Sulphur dioxide, hydrogen chloride, ammonia and organic ammonia derivatives. It has a longer operational range with excellent temperature, humidity & stability. The base material is manufactured by steam activation at high temperatures on coconut shell charcoal. It complies EN14387 standards for industrial gas mask filters.

Specifications

Surface Area BET (m ² /g)	1050 min
Bulk Density (g/l)	600±30*
Ball Pan Hardness (No.)	95 min

*-Variable with PSD

SURSORB ABEK is offered in

ABEK Class 1 : 1000ppm & ABEK class 2 : 5000ppm.

Test Result(SFPL) of ABEK 1 as per EN14387 is as below

Test Gas	Inlet (ppm)	Outlet(ppm)	Std (min) EN14387	SURSORB ABEK (min)
Ammonia	1000	25	50	80
Hydrogen Sulphide	1000	10	40	70
Sulphur Dioxide	1000	5	20	31

Typical Applications

- Toxic Industrial Chemical removal
- Removal of Organic and Inorganic gases and vapors
- Gas Masks & Industrial Filter.

Features and Benefits

- Wide range of protection against industrial gases
- Designed for longer performance and temperature stability
- Works with wider humidity range.

Available Particle Sizes (PSD)

- 12 x 20
- 12 x 30
- 30 x 60
- 40 x 80

Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request