



SURSORB CBRN⁺

NBC/CBRN grade activated carbon media

UNCOMPROMISED PROTECTION! SURSORB CBRN⁺ - Standard Product Specifications

SURSORB CBRN⁺ is a specially developed NBC/CBRN grade carbon for using poisonous gases very effectively. This product is capable of destroying gases like cyanogen chloride, hydrogen cyanide, phosgene and arsine, nerve agent sarin, and tear agent chloropicrin. The adsorbed gases are converted into nonvolatile non-poisonous inorganic salts. The base material is manufactured by steam activation at high temperature on coconut shell charcoal.

Specifications:

| | |
|--------------------------------------|-----------|
| Surface Area BET (m ² /g) | 1000 min |
| Apparent Density (g/ml) | 0.680 max |
| Moisture (%) | 1 max |
| Ball Pan Hardness (No.) | 85 min |

The adsorption capacity of **SURSORB CBRN⁺** is tested against the following gases. The adsorbed gases will never come out as they are destroyed completely and deposited in the pores of the carbon.

Testing gas details

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|---------------------------------|
| AC (Hydrogen Cyanide) |
| CK (Cyanogen Chloride) |
| CG (Phosgene) |
| DMMP (Dimethylmethylphosponate) |

Typical Applications

- NBC/CBRN application
- Removal of war fields gases
- Removal of cyanogen chloride, hydrogen cyanide, phosgene etc.

Features and Benefits

- Wide range of protection against war gases
- Designed for longer performance and temperature stability

Available Particle Sizes

- 12 x 30 (1.68mm x 0.595mm)
- 12 x 20 (1.68mm x 0.841mm)
- 7 x 16 (2.83mm x 1.19mm)
- 14 x 35 (1.41mm x 0.5mm)

Standard Packaging

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

