



SURSORB CBRN+ (ASZM-TEDA)

NBC non- chromium grade activated carbon media

UNCOMPROMISED PROTECTION! SURSORB CBRN+(ASZM TEDA) - Standard Product Specifications

SURSORB CBRN+(ASZM TEDA) is a specially developed NBC non-chromium grade carbon for use in war fields for safeguarding human being from all deadly poisonous war gases very effectively. This product is capable of destroying war gases like cyanogen chloride, hydrogen cyanide, phosgene, etc. The adsorbed gases are converted into nonvolatile non-poisonous inorganic salts. The base material is manufactured by steam activation at high temperatures on coconut shell charcoal.

Specifications:

Surface Area BET (m ² /g)	1000 min
Apparent Density (g/ml)	0.680 max
Moisture (%)	5 max
Ball Pan Hardness (No.)	90 min

The adsorption capacity of **SURSORB CBRN+(ASZM TEDA)** is tested against the following gases.

Testing gas details Specification (minutes)

Testing gas details	Specification (minutes)	
	Unaged	Aged
AC (Hydrogen Cyanide)	>30	>28
CK (Cyanogen Chloride)	>55	>45
CG (Phosgene)	>25	>20
DMMP (Dimethylmethylphosponate)	>175	>175
HCL (Hydrogen chloride)	>35	>30

*Tested under MIL standard.

Typical Applications

- NBC/CBRN application.
- Personal & collective protection.
- Removal of cyanogen chloride, hydrogen cyanide, phosgene etc.

Features and Benefits

- Chromium free NBC grade carbon
- Stable towards wide temperature & humidity.
- High purity & Low ash
- Coconut Shell based Carbon.

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)
- Other packing can be possible on request

