SURSORB NUCLEAR GRADE CARBON

Granular activated carbon media.

UNCOMPROMISED PROTECTION!

SURSORB NGC - Standard Product Specifications

SURSORB NGC is a granular activated carbon used to prevent radioactive pollution in Nuclear Power Plants. Isotopes of iodine are products of nuclear reactions and are found in nuclear power plants and nuclear fuel processing plants. They are also used extensively in medical treatment facilities. SURSORB NGC used in filtration systems to prevent radioiodine from escaping to the atmosphere and to protect personnel from exposure.

SURACSH manufactures impregnated activated carbon adsorbents to remove radioiodine from air streams effectively.

Typical Applications

- Nuclear Grade Filters
- Hydrogen sulfide removal
- Mercaptans removal
- Flue gas process

Features and Benefits

- Granular activated carbon from coconut origin.
- Effective Iodine-131 removal.
- Low Ash, High abrasion resistance.
- Long term predictable performance

Specifications:

CTC adsorption (%)	60 min
Apparent density (g/ml)	0.380 min
Ball pan hardness (No.)	95 min
Moisture (%)	8 max
Ash (%)	5 max
Methyl Iodide removal efficiency	99.0 % min.

Available Particle Sizes

- USS Mesh 12x20

Standard Packaging

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

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