

SURSORB Neo

Low surface area activated carbon sphere

BREATH SAFELY AND WITHOUT ANY CONCERN!

SURSORB Neo - Standard Product Specifications

SURSORB Neo is a high micropore activated carbon sphere (ACS) manufactured from polymeric precursors. It has better compressive strength and minimal ash content. Activated carbon spheres produced using these processes have been successfully utilized as adsorbent materials for removal of heavy metals, organic dye, carbon dioxide, volatile organic chemicals, support for catalyst, gas, and energy storage, and also in chemical protective clothing. The high mechanical strength of Activated Carbon Sphere (ACS) makes them attractive to use in NBC suits, jackets, gloves, and masks.

SURSORB Neo is most suited for use in protective suiting in order to absorb war gases and can be used in NBC suits to reduce the weight by up to 30%. It is mainly used in NBC suits, specialty air filtration beds and air curtains.

Specifications:

Surface Area BET (m ² /g)	1100 min
Apparent Density (g/ml)	650±30
Moisture (%)	2 max
Ball Pan Hardness (No.)	98 max
Compressive Strength (kg/sphere)	>3.0
Ash Content (%)	1.0 max
Particle Size Distribution (20x50) USS	95% min

Typical Applications

- NBC suits
- Specialty air filtration beds
- Air curtains
- Heavy metals removal
- VOCs removal
- CO₂ removal
- Catalyst support

Features and Benefits

- High crushing strength and high dimensional accuracy
- Cost efficient
- Compressive strength and minimal ash content.
- Most suited for protective suiting
- Weight reduction up to 30% in NBC suits

Available Particle Sizes

- USS Mesh 20x50 (0.355 to 0.800mm)

Standard Packaging

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

