



GC Sulfursorb

Activated carbons for H₂S treatment

The **GC Sulfursorb** series of activated carbon are three grades of carbon that are nonimpregnated, bituminous, coal-based, activated carbon which has been specially developed for removing Hydrogen Sulfide and Sulfur compounds from vapor streams. All are well suited for use in sewage treatment plants and pumping stations where these compounds are typically found. **GC Sulfursorb** carbons give you the high loading rates of impregnated carbons without the thermal risks associated with some chemically treated carbons. Additionally, by water washing this product, some of their H₂S capacity can be restored.

Specifications

	<u>GC Sulfursorb-A</u>	<u>GC Sulfursorb-B</u>	<u>GC Sulfursorb-C</u>
Pellet Diameter, mm:	3.9 - 4.1	3.9 - 4.1	3.9 - 4.1
Moisture, % (as packed)(max.):	5	5	5
Hardness, %:	95 min	95 min	95 min
CTC, %: (min.)	60	60	60
Apparent Density, lbs./cu.ft.:	28 - 31	28 -31	28-31
g/cc:	0.45 - 0.50	0.45 - 0.50	0.48 - 0.52
Hydrogen sulfide breakthrough Capacity*, gH ₂ S/cc carbon (min.):	0.30	0.20	0.10

*H₂S capacity is measured using ASTM standard method D6646-01. Testing requires passing a moist air stream containing 1% by volume H₂S through an appropriately sized column (per ASTM requirements) packed with activated carbon and monitoring to a 50 ppmv H₂S breakthrough. Results are reported as grams of H₂S adsorbed per gram of activated carbon.

Standard packaging is in 25 or 500 kg. bags. Other packaging is available upon request.