



Amine Filtration C o m p a n y

Specializing in Filtration and Separation for Amine Units

Carbex BLG83 Activated Carbon

Customized Activated Carbon for Contaminant Adsorption in Amine Units

Product Characteristics

Carbex BLG83 is a granular activated carbon that is formulated with multiple activated carbon types for best results in amine units with the presence of surfactants and/or other medium-to-high molecular size contaminant molecules. Carbex BLG83 is thermally activated to prevent residue leaching into the treated stream that can promote foaming. High mechanical strength confers low fragmentation properties to avoid contamination of the treated amine stream.

Appearance

- Solid, black granules
- CAS #: 7440-44-0

Specifications

- U.S. standard series sieve size: 8 x 30 mesh (>8: 10% max, <30: 4% max)
- Iodine Number: 920 mg/g (min)
- Molasses Number: 200 (min)
- Surface Area: 750 m²/g (min)
- Hardness: 90% (min)
- Abrasion Number: 75 (min)
- Moisture: 2.0% (max, as packed)
- Solid Density: 0.51 (g/ml, vibrating)
- Packaging: 55 lb. bags or 1,100 lb. bulk bags

Product Usage

Amine Filtration Company recommends a minimum of 15-20 min residence time in the activated carbon bed and a cross sectional velocity of 3-4 gpm/ft². The activated carbon bed should be protected with a pre-filter and should also have a suitable post-filter. For more information on the activated carbon filters, contact Help@AmineFiltration.com

Safety & Disposal

Wet activated carbon removes oxygen from air, causing a severe hazard to workers inside carbon vessels. Approved confined space/low oxygen procedures should be in place before any entry is made to a vessel containing activated carbon. Disposal procedures of used activated carbon should comply with all applicable local, state and federal guidelines.