

SORBAMINE

4x10, 8x30



CALGON CARBON CORPORATION

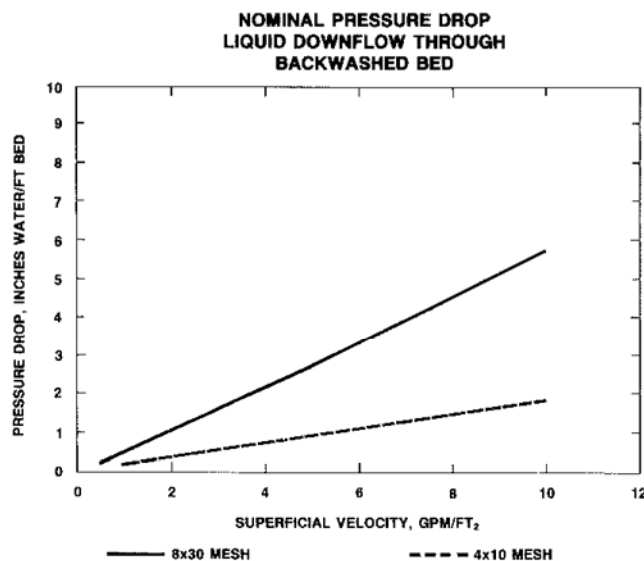
DESCRIPTION

Calgon Carbon Corporation's SorbAmine product is specifically for use in the oil refining and gas processing industries. SorbAmine is a granular activated carbon material used in the purification of circulating amine streams, glycol dehydration units, and gas purification units such as Benfield and Catacarb systems. SorbAmine is produced in two particle size distribution ranges, 4x10 and 8x30. The availability of two mesh sizes enables the user to choose the proper product to meet specific pressure drop demands. Both size ranges have shown excellent adsorption characteristics when used in slipstream treatment applications.

SorbAmine is produced by high temperature steam activation under rigidly controlled conditions. It is made from select grades of bituminous coal combined with suitable binders. These binders impart a superior hardness to the activated carbon, resulting in a long life expectancy. SorbAmine also has a very high total pore volume. Its pore structure has been designed for the adsorption of both high and low molecular weight impurities which are typically found as contaminants in closed loop circulating streams.

PRESSURE DROP CHARACTERISTICS

Pressure drop per foot of bed depth for SorbAmine carbon can be read in the accompanying graph. These data were obtained in downflow column operation where the carbon was deaerated by pre-soaking in hot liquid and charged to the column as a slurry. The bulk density of the carbon after backwashing and draining was approximately 27 lb/ft³.



SPECIFICATIONS

Mesh size, U.S. standard sieve series	4x10	8x30
Larger than 8 mesh, Maximum, Wt%		15
Smaller than 30 mesh, Maximum, Wt%		4
Larger than 4 mesh, Maximum, Wt%	5	
Smaller than 10 mesh, Maximum, Wt%	3	
Iodine Number, Minimum	900	900
Moisture as packed, Maximum, Wt%	2	2
Ash, Maximum, Wt%	10	10

CAUTION

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing activated carbon, appropriate sampling and work procedures should be followed, including all applicable federal and state requirements.

For information regarding human and environmental exposure, call Calgon Carbon's Regulatory and Trade Affairs personnel at (412) 787-6700.

COMMERCIAL INFORMATION

	8x30	4x10
Packaging:	55 lb bags	200 lb drums
Shipping Points:	Houston, Texas	

Safety Message

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable Federal and State requirements.

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