



Bioclimatic Air Systems

600 Delran Parkway
Delran, NJ 08075 USA
(856) 764-4300 / Fax (856) 764-4301

PRODUCT DATA

GAS FILTRATION MEDIA

Bioclimatic BIO-SORB 130 & 130XL

BS-130/BS-130XL is a blend of BS-100 or BS-100XL, an activated alumina pellet impregnated with Potassium Permanganate and BC-300, extruded coal based activated carbon. Refer to the specifications for BS-100 or BS-100XL and BC-300 for product description. The standard blend for BS-130/BS-130XL is 50% BS-100 or BS-100XL and 50% BC-300 by volume. Therefore, the precise product description for the 50% blend is BS-135 or BS-135XL. Custom blends are available for special applications.

BS-135 or BS-135XL provides enhanced performance in controlling compounds usually controlled by BS-100 or BS-100XL and BC-300 with the added benefit of protection of the BS-100/BS-100XL from "blinding" or crystallization. The combined benefits of both media can be realized in a single bed. By combining the adsorptive potential of the activated carbon with the potent oxidizing power of the potassium permanganate, the BS-135/BS-135XL media blend is suitable for use in a wide variety of applications.

TYPICAL PROPERTIES:

Apparent Density	0.64 g/cc
Bulk Density	40 lb/ft ³
Resistance @ 100 fpm	0.30 in. WC/in. bed
Resistance @ 0.5 m/s	75 Pa/25 mm bed

PACKAGING

BS-135 is available in 1 cu. ft. corrugated cartons and 7 cu. ft. plastic lined drums. Unless otherwise specified, BS-135 is supplied in 1 cu. ft. corrugated cartons.

SAFETY PRECAUTIONS

Always refer to the Material Safety Data Sheet for detailed information on safety.