TECHNICAL DATASHEET



EcoSorb® HX-Ultra

acid washed extruded coal based activated carbon

EcoSorb® HX-Ultra is an exceptionally high activity extruded activated carbon manufactured by steam activation from select grades of anthracite coal. This material has an extensively enhanced adsorption capacity for organic vapors coupled with high meso- and macro porosity to ensure rapid diffusion of adsorbate to adsorption sites. This activated carbon is exceptionally hard and resistant to mechanical breakdown due to a unique binding and extrusion process used during manufacturing. EcoSorb® HX-Ultra has been specifically developed for use in critical applications where high capacity and shallow bed depths are a feature of system design.

Features and Benefits

- · High activity
- Acid washed
- Optimized pore structure
- · Exceptional hardness and strength
- Rigorously dedusted
- Maximum solvent loading
- High working capacity and low steam consumption
- Minimal product degradation giving low pressure drop
- Clean handing at adsorber loading and commissioning

Typical Applications

- Cellulose fiber production (acetone)
- Viscose fiber (acetone, CS₂)
- Magnetic media production (MEK / cyclohexane)
- Rotogravure printing (toluene)
- Solvent degreasing (trichloroethylene)

Available Pellet Diameters

- 2.0 mm
- 3.0 mm
- 4.0 mm
- Other granulations available upon request

EcoSorb® activated carbons for the efficient and economical treatment of vapour and air streams containing organics and other contaminants

CTC activity	min. 105%
Moisture content (as packed)	max. 2%
Total ash content	max. 6%
Ball-pan hardness	min. 98%

Typical Properties

Specification

Surface area (BET)	1450 m²/g
Butane activity	40%
Apparent density	360 kg/m³
Pellet diameter tolerance	± 10%

Standard Packaging

- 15 kg bag (33 lb)
- 350 kg bulk bag (772 lb)



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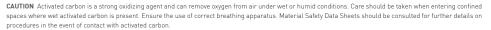
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Polyethylene valve bags of 15 kg (33 lb) net weight on 300 kg (660 lb) pallets



Polypropylene liner-free FIBCs (super sacks) of 350 kg (772 lb) net weight



NOTICE Due to the progressive nature of Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

