

ACTIVESORB® 6300

FROM WATCH®

GRANULATED ACTIVATED CARBON

FOR DRINKING WATER APPLICATIONS

ACTIVESORB® 6300 is a high activity granular activated carbon, specifically manufactured for the treatment of water for human consumption, in both municipal and industrial applications. The manufacturing operation uses a process of agglomeration of the raw material to allow a more homogeneous activation of each particle. ACTIVESORB® 6300 is suitable for use in the treatment of ground, surface and network supplies. The material is compliant with international standards for carbon media used in this application.

ACTIVESORB® 6300 is high quality porous filter material made of coconut shell, coal and wood. It is mainly used for water filtration in multi-layer filters and the removal of Tri-Halo-Methane and Chloro-Amines from ground-, well- and surface water.

Specifications:

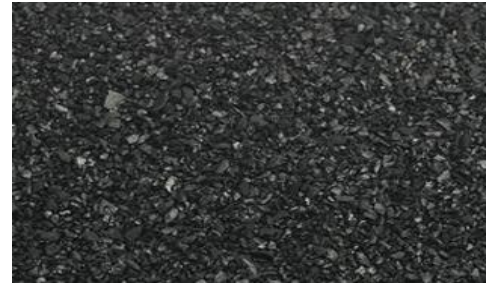
Iodine adsorption	min. 970 mg/g
Moisture content, as packed	max. 5%
Apparent density	min. 420 kg/m ³
Total ash content	max. 15%
Wettability	min. 99%
Abrasion	min. 94%

Typical Properties:

Iodine adsorption	1000 mg/g
Methylene blue adsorption	250 ml/g
Surface Area (BET)	1000 m ² /g
Apparent Density	450 kg/m ³
Backwash and drained density	380 kg/m ³

Particle Size (mesh)	20x40	12x40	10x20	8x30	8x18
Oversize	<5%	<5%	<5%	<5%	<5%
Undersize	<4%	<4%	<4%	<4%	<4%
Effective size (mm)	0.4	0.6	0.8	1.0	1.2
Mean particle diameter (mm)	0.6	1.0	1.4	1.4	1.8
Uniformity co-efficient	1.5	1.7	1.7	1.6	1.5

* THE INFORMATION SUPPLIED ABOVE IS BASED ON ANALYSIS OF PRODUCTION TREND OVER THE PREVIOUS SIX-MONTHS AND IS SUBJECT TO CHANGE WITHOUT NOTICE SHOULD FUTURE TRENDS BE ADJUSTED.



Features and Benefits

- High activity product
- Homogeneous activation
- Good mechanical strength
- High adsorption capacity
- Potable water grade

Available Particle Sizes

- 8x18 mesh (2.36 - 1.18 mm)
- 8x30 mesh (2.36 - 0.60 mm)
- 10x20 mesh (2.00 - 0.85 mm)
- 12x40 mesh (1.70 - 0.43 mm)
- 20x40 mesh (0.85 - 0.425 mm)

Approvals and Certifications

- EN12915
- Certified to NSF/ANSI-61 by WQA
- AWWA B604
- Halal certified
- Kosher certified
- Food Chemicals Codex

Standard Packaging

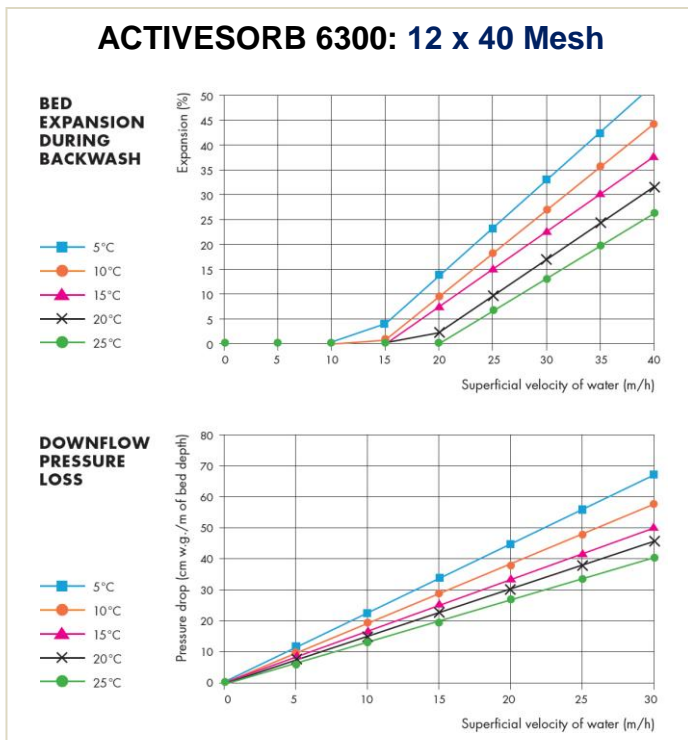
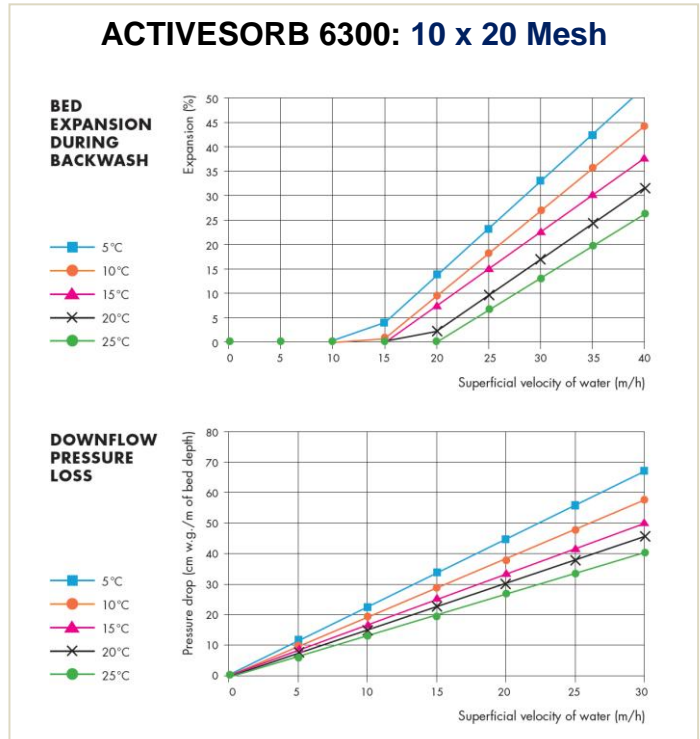
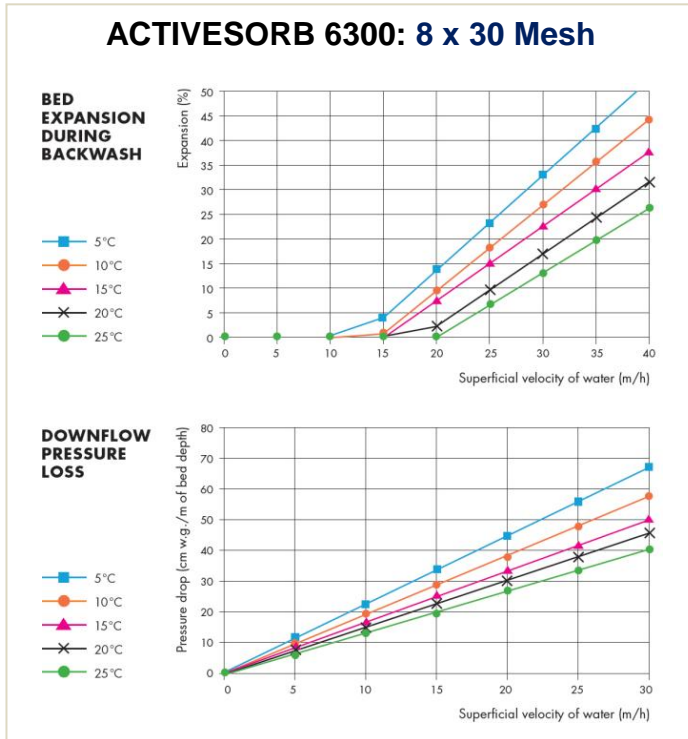
- 25 kg sack (55 lb)
- 500 kg bulk bag (1100 lb)
- Bulk tanker
- Other packing considered on request



Polyethylene liner-free FIBCs (super sacks), two bags per pallet



Diagrams below show head loss and filter bed expansion occurring in filtration with sufficient accuracy for planning of treatment plants.



Watch® is a team of highly experienced specialists in Water Industry who provide new superior technologies compare to old conventional products.

Our experience and very successful products are unmatched in the industry and we have been recognized as an innovative industry leader. Watch® takes full responsibility in all kind of water treatment problems, with its innovative concepts and pragmatic solutions, geared with high-end bio-friendly water treatment chemicals and systems.

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 A Water Company

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Bed Expansion and Pressure Loss curves are provided for the most commonly used particle size