

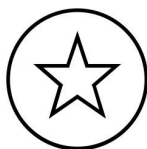


TECHNICAL DATASHEET

ANTHRACITE – TBA

Anthracite media for drinking water treatment

- Treating water to be potable quality requires fairly considerable treatment based on initial water quality. Many tend to jump straight to thinking about more technologically advanced treatments like reverse osmosis and similar technologies. Of course, there is a bit more involved in drinking water treatment for municipalities based on inlet water quality. For simpler drinking water treatment applications, Anthracite carbon media has been used extensively in municipal water filtration system applications in around the world.
- Filtration is a key part of most water treatment systems, and selecting the right system can be a delicate matter. Media filtration is quite frequently used by municipalities for drinking water treatment. One particular filtration media that is used is [anthracite carbon media](#).



SPECIFICATION*

Carbon	85% Min
Moisture content, as packed	max. 3 %
Apparent density	min. 750 kg/m ³
Total ash content	max. 8%
Wettability	min. 99 %
Apparent specific gravity	min 1350 Kg/ M ³

TYPICAL PROPERTIES*

Colour	Black
Bulk Density	750-800 Kg/ M ³
Hardness	90 % min
Acid Solubility	< 1%

Backwashed and drained density	750 kg/m ³
--------------------------------	-----------------------

PARTICLE SIZE (mm)	0.6-1.2	1.2-2.4	1-2	0.3-1	2-4
Oversize	<5%	<5%	<5%	<5%	<5%
Undersize	<4%	<4%	<4%	<4%	<4%
Effective size	0.6 mm	1.2 mm	1.0 mm	0.3 mm	2.0mm
Uniformity co-efficient	<1.4	<1.4	<1.3	<1.4	<1.4

Features and Benefits

- Can be added to existing sand filters
- Uniformity
- Structure
- Durable
- Can carry biofilm

Available Particle Sizes

- 0.6 -1.2 mm
- 0.8 -1.2 mm
- 1.2 – 2.4 mm
- 1.0 -2.0 mm
- 1.5 – 2.5 mm
- Other sizes available on request

Approvals and Certifications

- Halal certified
- Food Grade

Standard Packaging

- 25 kg /Bag
- 500 kg bulk bag
- Bulk tanker
- Other packing considered on request

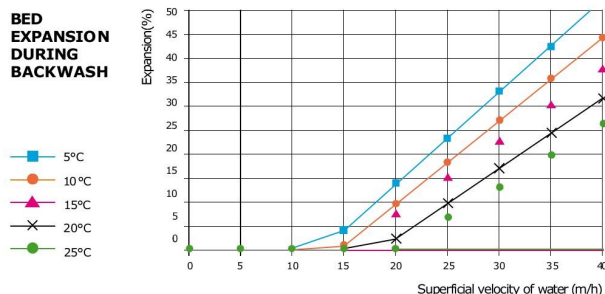




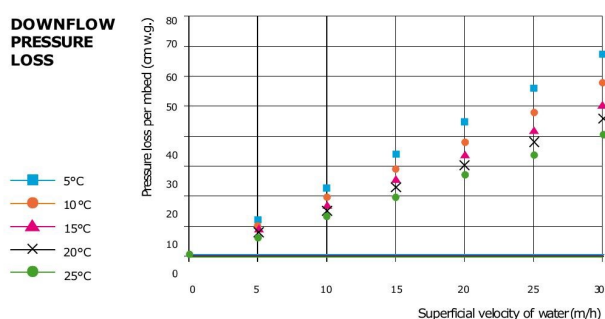
Technical Datasheet: ANTHRACITE

TBA

BED EXPANSION DURING BACKWASH

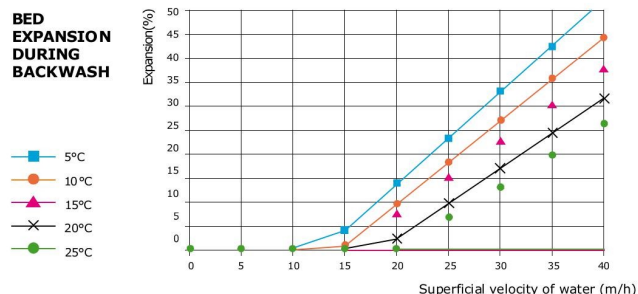


DOWNFLOW PRESSURE LOSS

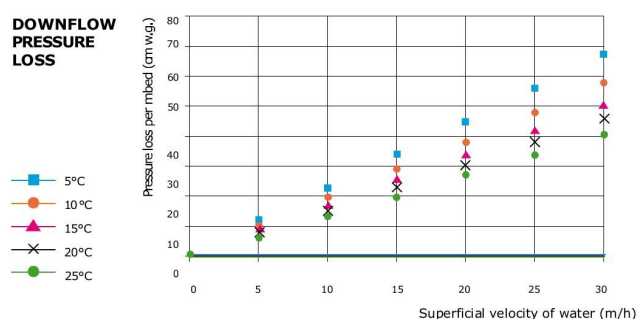


TBA

BED EXPANSION DURING BACKWASH

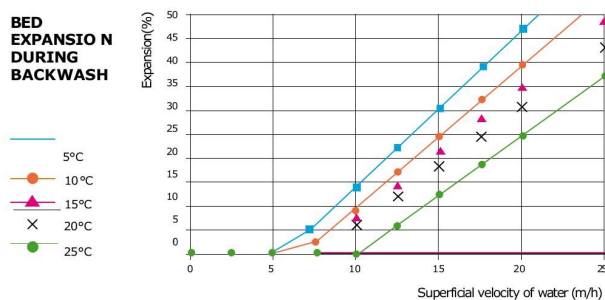


DOWNFLOW PRESSURE LOSS

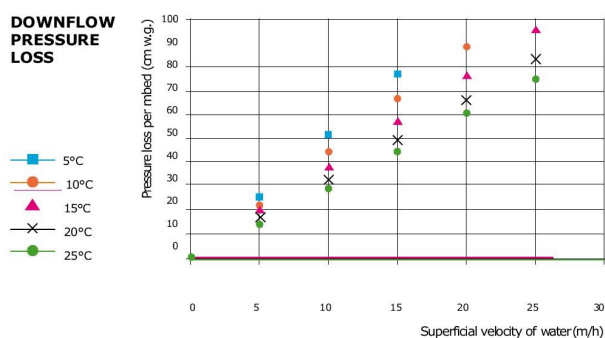


TBA

BED EXPANSION DURING BACKWASH



DOWNFLOW PRESSURE LOSS



MANUFACTURER

Trabaco is one of famous activated carbon /Anthracite manufacturer in the world with good capacity

The quality of the product is the value of TRABACO, non-stop investment in human resource and improvement is a driving force for sustainable development

TECHNICAL SUPPORT

Condition for operation:

- + Bed depth : 610 -915 mm/ 255 -500 mm in multi BF
- + BF (Bed filters)
- + Free Board : 50% of bed depth
- + Service Flow rate : 5gpm/sq.ft or higher depend on
- + on upon local conditions

TRABAC JOINT STOCK CORPORATION

216, BACH DANG STREET, 4TH WARD,TRAVINH CITY, TRAVINH PROVINCE, VIETNAM

TEL : 84.74.3852561-852523 FAX : 84.74.3854857

Bed expansion and pressure loss curves are provided for the most commonly used particle sizes. Charts are available for all particle sizes on request.