



Aqualux Anthracite Filter Media

Anthracite filter media is a select coal, mined and processed for use in water filtration. It is ideal for single bed, dual bed or multi-media filtration systems.

Advantage

- Higher service flows and longer filter runs than equivalent sand filters
- Close attention to gradation, hardness and purity assures consistent and reliable performance
- Unique density allows Anthracite to be combined with other filtration media in multi-media filters
- Lower coefficient of nonuniformity has less oversized and undersized particles resulting in a highly uniform bed

Specification

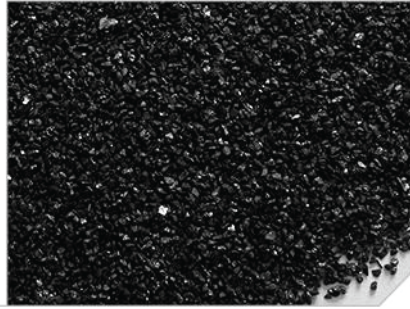
No.	Item	Test index
1	Fixed carbon	80% Min
2	Specific Gravity	1.4-1.6g/cm ³
3	Ash	2.5% Max
4	Moisture	2% Max
5	Wear rate	1.5% Max
6	Crush rate	1.6% Max
7	Void volume	48-53%
8	Solubility of hydrochloric acid	1.28% Max
9	Coefficient of nonuniformity	1.15-1.2
10	Mohs hardness	3.2-3.8
11	Bulk density	0.8-0.85g/cm ³



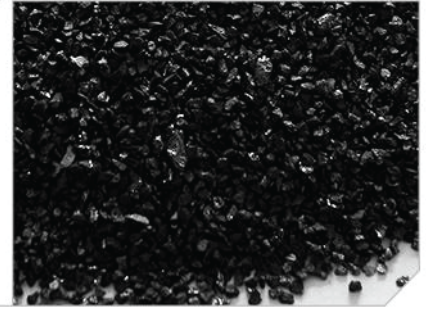
0.5-1 mm



0.8-1.6 mm



1-2 mm



2-4 mm



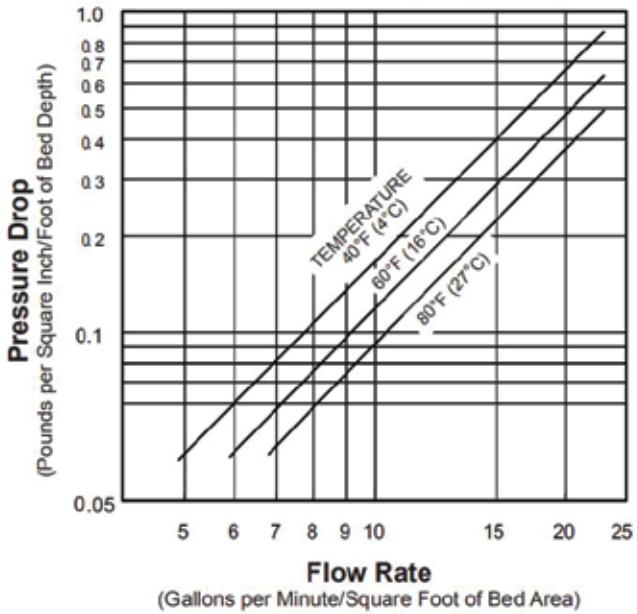
4-6 mm



6-8 mm



Service Flow Pressure Drop



Backwash Bed Expansion

