

AQUAFINE® Granular Coconut Shell Based Carbon

AQUAFINE® is a high activity granular Activated Carbon manufactured by steam activation from select coconut shell charcoal. Its enhanced microporosity makes it particularly well suited for the removal of low molecular weight organic compounds and their chlorinated by-products such as chloroform and other trihalomethanes (THM's). It is also ideally suited for the removal of oxidizing agents such as chlorine and ozone from process water. An important feature of this material is its superior mechanical hardness and the extensive dedusting during its manufacture that ensures an exceptionally clean activated carbon product.



Soft drink manufacturers and breweries rely upon AQUAFINE® activated carbon for dechlorination and dissolved organic removal.

Typical Applications:

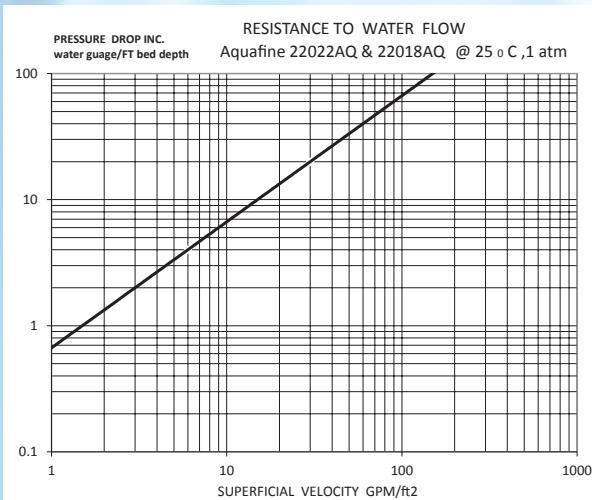
- ➔ Municipal drinking water treatment
- ➔ Residential water treatment systems Point of Entry (POE)/ Point of Use (POU)
- ➔ Beverage production
- ➔ Protection of ion exchange resins from chlorine and organic fouling

Available Particle Sizes:

- ➔ 12x40 mesh (0.425 - 1.70 mm)
- ➔ Other granulations available upon request

Certifications and Approvals:

- ➔ NSF / ANSI Standard 61



Features and Benefits:

- ➔ Extensive internal structure
- ➔ Optimized density
- ➔ Highly microporous structure
- ➔ Maximum hardness
- ➔ Low dust and turbidity
- ➔ Optimized density
- ➔ Excellent adsorption capacity
- ➔ High volume activity
- ➔ Rapid dechlorination
- ➔ Effective removal of ozone
- ➔ Low filtered water turbidity

Standard Packaging:

- ➔ 1 Cubic Foot (27.5 Lb) Bag

Specification*

Model #	AQFC1240
Item #	22022AQ
Iodine #	1000
Apparant Density	0.52 g/cc Min
Moisture	5% by Wt
Total Ash	3 % by Wt
Extractable pH	9-11
Particle Size	12 (Max 5) X 40 (Max 5)
Hardness	Min 98

*Specifications are produced using AQUAFINE® Carbons' test methods. They are listed for informational purposes only and not to be used as purchase specifications. Sales specifications can be obtained from your AQUAFINE® Carbons Technical Sales Representative and should be reviewed before placing an order.

Bed Expansion Curve for Aquafine Granular Carbon (22022AQ)

