

Anthracite Filter Media

Anthracite filter media is selected naturally hard clean anthracite. It is an excellent filtration medium for gravity and pressure filters, for treatment of hard and soft water, sewage, oil and acid/alkali liquids. The hardness of carbocite ensures minimum wastage by attrition in service.

It contains 80% of pure carbon. The irregular shape of the particles offers a larger surface area per unit of volume and larger spaces between particles which enable high filtration rates with low head losses to be obtained. The greater surface area of carbocite promotes the efficient removal of algae, turbidity and bacteria.

Our product is being produced under the Japanese standard JWVA 103 and has the approval for the use with drinking water. The product can completely accord with standard of AWWA, American water Works Association.

The advantages of using carbocite become expressed as follows:

- ◆ faster filtration
- ◆ longer filter runs
- ◆ low loss of head
- ◆ economic use of space
- ◆ easy to handle
- ◆ savings in wash water
- ◆ big capital savings
- ◆ long life
- ◆ available in several sizes



Grade no.	Size mm	Effective Size	General Use
1	0.6 - 1.2	0.8 mm +/- 0.03 mm	portable water filtration
2	1.2 - 2.5	1.7 mm +/- 0.03 mm	portable water-standard size
3	2.5 - 4.0	3.0 mm +/- 0.03 mm	tertiary treatment of sewage

Please note: effective size or partical size will be produced as per customer's requirement .

Specifications:

Hardness	3 - 4 moh
Specific gravity	1.45--1.50 g/cm ³ or as per customer requirement
Attrition loss data	0.4 -0.5% max after 100 hours backwash
Uniformity coefficient	1.3 - 1.4 max or as per customer requirement
Fixed carbon	78--81% min
Volatile matter	6 - 7% max
Moisture	2 - 4% max
Bulk density	800 - 830 kg/m ³
Mud content	1.5%max
Packing	In 50 or 25 kg begs or 830 kg jumbo bags or as per special requirement.