

OC-100 Organoclay Media

PRODUCT DATA SHEET

DESCRIPTION:

CCG's OC-100 is part of a series of selective water treatment adsorbents which is a molecular sieve of zeolite. This particular zeolite is called clinoptilolite. CCG offers the OC-100 in two standard U.S. Tyler screen mesh sizes, 4 x 6 and 6 x 8. The molecular ration of silicon to aluminum is 4.9. The bulk density of the material is 49-51 pounds per cubic foot. The hardness on the Mohs Scale is 4.0 and the specific surface area is 40 square meters per gram. The material is thermally stable to 650 degrees Celsius and is stable at pH's as 1.0 and as high as 13.0.

APPLICATIONS:

For treatment of sediments. The media can also be used as a stand-alone treatment process or upstream of other filtration processes and media such as reverse osmosis, activated carbon and resins.

TYPICAL PROPERTIES:

Media Type:	Granular
Active Ingredient:	Quaternary Amine
Substrate:	Zeolite
Cation Exchange Capacity:	Yes
Active Media by Volume:	100%
Bulk Density:	49-51 lbs/ ft ³
Lbs of Active Media (per ft ³):	49-51

FEATURES:

- Does not swell when exposed to water
- Prolongs life of activated carbon and resins, reducing costs and increasing efficiency
- Has more active product per cubic foot than other blended organophilic clays
- Cost effective and environmentally sound technology
- Part of a series of products; can be used at full strength or custom-blended



For More Information:

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