CERINA-250

WATEROPOLIS

What is Cerina-250? Cerina-250 is a ceramic, angular, highly textured filter media.

Where is it used? Cerina-250 is used in all types of high rate pressure filter applications.

Why is it used? Cerina-250 provides better water quality than any other media at high filtration rates.

How long does it last? Cerina-250 does not wear out and never needs replacement.

Cerina-250 is a durable ceramic granular media with a rough texture. It is highly angular and uniform in size distribution giving it excellent particle retention.

Cerina-250 is ideal for pressure filter applications such as:
- Surface Water Filtration
- Ground Water Filtration
- Iron and Manganese Removal
- Arsenic Removal
- Industrial Filtration

PRODUCT SPECIFICATIONS

Parameter	Cerina-250
Effective Size	0.20 mm — 0.30 mm (50-70 Mesh)
Uniformity Coefficient	< 1.4 (1.25 Typical)
Density	83 lbs/ft3 (1.3 g/cm3)
Recommended Backwash Rate	8.0 gpm/ft2 (18 m/h)
Acid Solubility	<1% (0.1% typical)
Hardness Moh's	7.0

Standard packaging is 20 ft3 (0.56 M3) bulk bags and 50 lb (25 kg) bags.

Cerina-250 is considered inert and non-reactive and is compatible with acid, caustic and all types of oxidants. Cerina-250 can be used in harsh industrial filtration applications, chemical filtration and in high temperature processes up to 1000 F. (538 C.)

For typical down flow filtration we recommend a 24" deep filter bed (610 mm) and a typical operational flow rate of 8—10 gpm/ft2 (18.3—24 m/h). Design flow rates will vary depending on solids loading and desired filter run times.

TESTED AND CERTIFIED
Water Quality
UNDER INDUSTRY STANDARDS
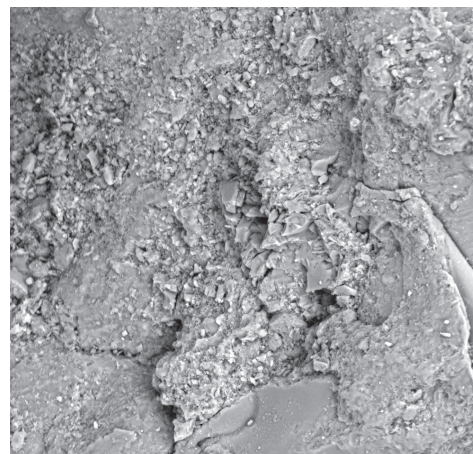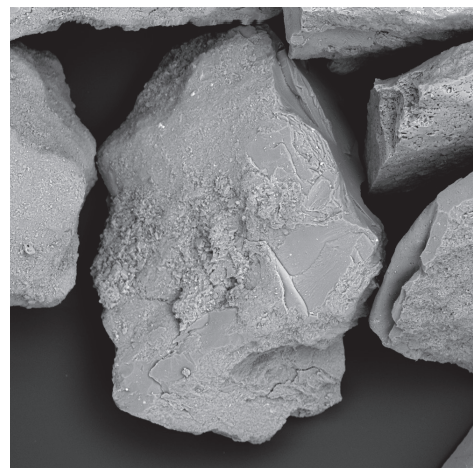
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Cerina-250 has been tested and certified by the Water Quality Association according to NSF/ANSI 61

CONTACT US

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OPERATIONAL SPECIFICATIONS

Loading Rate (m/hr)

Flow (m/hr)
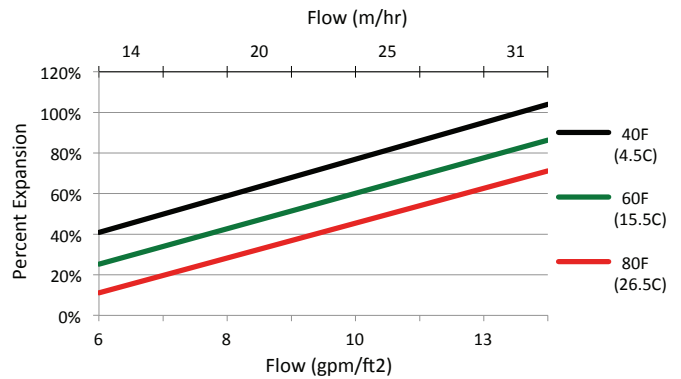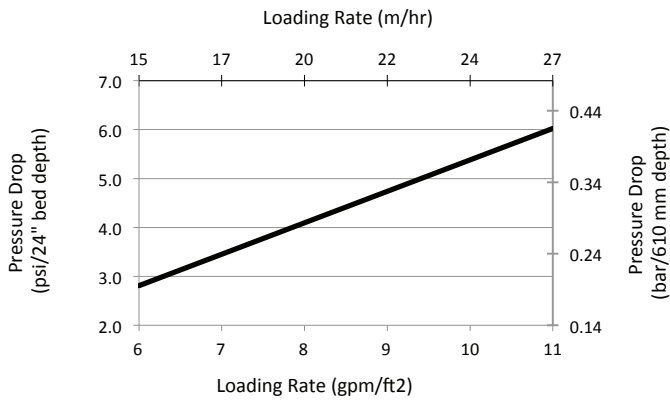
Additional Technical Data

Typical 3 – 5 micron particle removal at 10 gpm/ft2 (24 m/h) flow rate is 99.9%

ABOUT WATEROPOLIS Wateropolis Inc. is dedicated to identifying and developing new and innovative technologies for water and wastewater treatment. We look for simple, logical answers to complex questions.