



## Anti Microbial Additive Zirconium Silver Phosphate

Grade Ref: ZR 10P

Biox ZR 10P is Zirconium Silver Phosphate white powder typically used in solvent compatible coatings, inks, and industrial applications. Silver Ions are encapsulated into Zirconium Phosphate offers high performance and durability against most of bacteria, fungi and virus.

### Typical Properties

#### Chemistry

Zirconium Silver Phosphate

Form. ....White Powder

Silver Content.....2.5% min.

pH..... 7-8

Density.....1.12

#### **Usage level:**

In water borne Coatings - 0,5% -2% max

### End use applications

- Solvent borne coatings & inks
- Solvent borne Textile finishes
- Construction Chemicals based on Epoxy and Polyurethane

### Mode of action

- Physically rupture the cell membrane
- Zirconia and Silver based-antimicrobial protection against a broad spectrum of single cell microorganisms

## **Available packaging**

25 Kg Bag

## **Shelf life**

12 months



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NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product is appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, and whether such use will infringe the intellectual property rights of third parties.