



Silver Zirconium Phosphate

Grade Ref: SIZR 1750

SIZR 1750 is Silver Sodium hydrogen Zirconium Phosphate Powder. The Silver sodium hydrogen zirconium phosphate is used in solvent borne coating applications and to treat polymers to achieve an antimicrobial & anti fungal effect. The silver ion is the active species, which is released out of the treated polymer. The silver ion interacts with the cell membrane of microorganisms, interferes with electron transport processes, binds to nucleic acids, inhibits enzymes and catalyses free radical oxygen species.



Typical Properties

Appearance..... White Powder
pH..... 7-9
Thermal stability.....Upto 800 deg. cel
Specific Gravity.....2.4 g/cc
Average particles.....4-6 micron

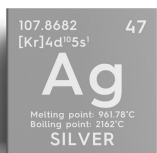
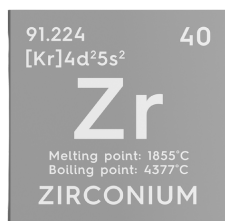
Application Areas

- **Coatings & Inks**

All Solvent borne coatings Inks, Ceramics, Construction materials.

Advantages

- Broad spectrum of efficacy against Bacteria and Fungi
- High Temperature Resistance
- Non Yellowing
- Chemically stable
- Compatible with Solvent borne applications
- Effective with 2K PU, EPOXY and Acrylic



Available packaging

25 Kg Bag

Shelf life

36 months

If stored in covered place.



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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.