



Silver Zeolite Inorganic Powder Inorganic Silver Anti Microbial

Grade Ref: SIZ 1900

SIZ 1900 is unique Inorganic Silver Zinc Anti Microbial Powder used as coating additive and it can be used in numerous compounding applications where high temperature resistance is required. The Zeolite are formed with the aluminosilicate framework is negatively charged, silver ions can be readily incorporated by ion-exchange. The Nanoparticles of silver anchored zeolite are highly chemical and thermal stable. With typical usage from 0.5% to 3% in variety of applications Silver Zeolite Powder can be used. The Silver Zeolites with Zinc is unique way of encapsulating bad odor. Zeolites frame work is well known for absorbing odors like ammonia, nitrogen and methane gas. Zinc is well known active ingredient used to protect fungi growth.

Typical Properties

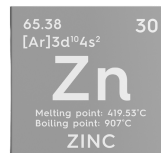
Appearance..... White Powder
pH..... 11-13
Thermal stability.....Upto 800 deg. cel
Specific Gravity.....2.1 g/cc
Loose Density.....0.6-0.8 g/cc
Average particles.....2-3 micron

Application Areas

- **Textiles & Apparels**
 - Undergarments, Sport ware
 - Home Furnishing Textiles, Upholstery, Curtains, Bathroom Textiles, Towels, Bedding materials, Mattresses, Pillow cases, Quilt covers, Bed linen, Bed Sheets.
- **Household Electrical Appliances**
 - Refrigerators, Air conditioners
 - Microwaves, Rice cookers, Mobile phones
 - Computers, Calculators, Keyboards
 - Coolers, Humidifiers
- **Food & Hygiene**
 - Storage containers, Lunch boxes, Cutting boards, Knives, Food process counters, Chopsticks, Water purifiers
- **Building & Construction Materials**
 - Wallpaper, Paint & Coatings, Partition Boards, Floor Mats, Curtains, Ventilation Ducts, Toilet accessories.

Advantages

- Broad spectrum of efficacy against Bacteria and Fungi
- Protective mechanism of releasing silver through Zeolite in controlled slow release
- Nano Technology
- High Temperature Resistance
- Wash Durable
- Non Yellowing
- Low application costs
- Chemically stable
- Compatible with water and solvent borne applications
- Combined with Binders



Available packaging

25 Kg Bag

5 Kg Bag

1 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.