



Anti Microbial Additive Silver Zeolite Powder Grade Ref: SZ-10P

Biox SZ 10P is powdered product made of ionized Silver into Zeolite matrix. The silver provide anti microbials property and zeolite with zinc provide anti fungal and odor encapsulation property. The SZ10P is suitable for variety of aqueous based coating, ink and polymer masterbatch application.

Typical Properties

Form.	Powder
Appearance.....	White Free flowing
Odor.....	No
Silver Content.....	2.5%
Zinc Content.....	2%
Zeolites.....	Balance.
Specific Gravity	2.1 ~ 2.5
pH resistance.....	3~ 12
Heat stability.....	Up to 800 degree Celsius.
Average particles in micron....	1.5 ~ 3
Flash PointNot applicable

Usage level:

In Coatings - 1% -3%
In Masterbatch 25%-35%

Key advantages

- Broad spectrum anti microbial, anti fungal and anti virus property
- Highly effective in all aqueous based coatings and inks.
- Odor encapsulation
- Heat temp. stability
- Highly durable in textile and coating
- Safe to handle
- Application friendly

End use applications

- Water borne coatings & inks
- Radiation cured coating & inks
- Caulks and Putties
- Textile finishes
- Coated PVC and PU textile
- Construction materials
- Plastic masterbatch

Processing instructions

BIOX Zeolite Silvers are very fine particle powder.
Avoid clumping of particles when bags are opened.
Keep bags or container closed when used.

To obtain Biox SZ10P dispersion in water or water borne binders it is necessary to use right type of mixer with mixing blade. While stirring mixture suitable surfactants are necessary to wet out and dispersion properties.

Biox SZ 10P is to be mixed with polymeric resins and master batch using proper compatiblizers and additives.

Available packaging

10 & 25 Kg

Shelf life

24 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.