



ANTIMICROBIAL

ANTIBACTERIAL

ANTI VIRAL

ANTI FUNGAL

Nano Silver Masterbatches for Textile Industry

Reinste Nano Ventures Pvt. Ltd. is a primary player in nanomaterials and related products, that caters the needs of scientists, researchers, students and also for the industries using nanomaterials in their research and production purposes. We also provide Nano Silver Masterbatches & Yarn which converts all kind of Textiles like Linen, Mattress Covers, Washing Towels, Workwear and Knitted Wear into effective Antimicrobial, Antibacterial, Anti Viral and Anti Fungal properties enhanced products.

1. Nano Silver PP-Master Batch

Nano silver master batch is developed for antimicrobial equipment of Thermoplastics, in special for the equipment of fibres which are produced by melting, mono as well as multifilament fibres. It is Lightest of all Chemical Fibres.

Chemical Character: PP resin in form of pellets containing Nano Silver.

Silver Content- 5000 ppm

Approx Particle Size of Silver < 30 nm

Standard Packages- Air tight bags with a content of 25 kg



2. Nano Silver PET Master Batch

Nano silver master batch is developed for antimicrobial equipment of Thermoplastics, in special for the equipment of fibres which are produced by melting, mono as well as multifilament fibres.

With the products of Reinste, it is possible for you, your synthetic fiber, micro fiber fabrics and blended fabrics to be durable and anti-equip all. Bacteria prefer to keep in a moist environment in which they can reproduce the best. This environment can be found frequently in the bathroom, kitchen or bedroom and these nano silver products will help to clean them.

Ideal application areas for your antibacterial tissues are therefore:

- Linen
- Washing and dish towels
- Bathroom and Toilet Mats
- Workwear
- Mattress Covers
- Towels and washcloths
- Knitted wear, functional wear

Chemical Character- PP resin with Nano Silver

Silver Content- 10,000 ppm

Approx Particle Size of Silver < 30 nm

Standard Packages- Air tight bags with a content of 25 kg



3. Nano Silver Yarn

These are Nano Silver embedded Fibre yarn which can be mixed with normal yarns for making Antimicrobial, Antibacterial, Antifungal & Antiviral textiles.

HOW TO USE?

Masterbatches, which consist of Nanosilver particles embedded in PET & PP polymer are in granule form and can be simply mixed with your textile resin to make nanosilver embedded yarn. While Nano Silver Yarn can be directly mixed with the already prepared yarns to get nanosilver embedded yarns. Textiles of these yarns will have the Antibacterial, Antimicrobial, Antiviral & Antifungal properties.

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