

## Antimicrobial MB

Whilst demanding products with a long shelf or service life and high safety levels, today's consumers also want to avoid preservatives and hazardous biocides in their goods. Tosaf offers a portfolio of safe, efficacious and cost-effective antimicrobial masterbatches for various applications. All our products employ non-migrating antimicrobial species and are certified by the strictest regulations, including those regarding food contact (FC) and biocidal products regulations (BPR).

Our off-the-shelf benchmark products include, among others:

- **BI7302LL** - zinc-based antimicrobial masterbatch; transparent, very cost-effective and FDA FC approved
- **BI6610PE EU** - silver-ion-based antibacterial masterbatch; transparent, with high temperature resistance, FDA and EU FC approved
- **BI7509LL** - sulfur compound-based antifungal masterbatch; transparent, with high temperature resistance.

We also offer tailored products for specific applications, engineering polymers and additional specialties.

### ADVANTAGES:

- Cost effective
- Food contact and BPR compliant (as required)
- Can be provided either as a stand-alone product, or as a combination together with a color match

### DOSAGE RECOMMENDATION:

Recommended let-down is polymer and application specific but is typically between 1 and 5 wt%.

Tosaf offers a wide variety of antimicrobial masterbatches. Our trained consultants would be happy to advise you on the best solution for your application.

When requesting a recommendation, please provide the following information:

1. What is the microorganism to be treated: bacteria, fungi, algae, other?
2. What is the carrier resin?
3. What are the processing temperatures?
4. What is the application? Indoor/outdoor?
5. What are the regulatory requirements? FCA?
6. what is the color/is transparency required?

### ADVANTAGES



Cost Effective



Food Contact & BPR  
Compliant



Stand-Alone or Color  
Match Combo

### APPLICATIONS



Food Packaging



Wood Plastic  
Composite



Building  
and Construction



Medical and Sanitary



Agricultural Films

