

SPECIAL ADDITIVES



Metal Detectable MB Range:

Created exclusively for use in the production process, Tosaf's metal detectable masterbatch range is unique in the market in that it provides excellent protection from rust and corrosion. It also has no effect on the product itself, and offers flexibility in adjusting color and color effects in the plastic.

Industries such as food and beverages are subject to extremely strict regulations that require consumer products to be kept free from any foreign element. Plastic is used extensively in the harvesting, collecting, conveying and packaging of produce, and with it comes a risk of contamination if any fragment should break off at any stage of production. Tosaf's metal detectable (MD) masterbatch ensures that, should this occur, the plastic fragment will be detected by the simple metal detectors that are required to be a part of modern packaging lines, and can be removed.

Tosaf's line of MD MB is available in various carriers and in a range of colors. Our experts have the technological experience required to recommend the correct product and let-down of the MD, in order to enable the detection of the smallest possible plastic element.

Applications:

- Bulk and intermediate containers, for example fruit and vegetable crates
- Conveying and processing elements, for example conveyor belts and elements, sieves and screens, brushes and mixing and kneading elements, used in the food processing and packaging process, and in the medical and pharmaceutical industry
- Detection of hidden elements, for example pipes and fittings

Advantages:

- Guarantees against the presence of foreign elements in the end product, avoiding potential claims by consumers and product recalls
- Can be provided either as a stand-alone product, or in a combi-batch of MD together with a color MB or with additional properties, such as UV resistance
- Available in a wide range of formulations for different particle sizes and colors
- No rust, corrosion or migration
- Complies with all relevant regulations related to food packaging, including those of the FDA and EU

Dosage recommendations:

- Recommended let-down is application specific, but is typically between 2-5 wt%

APPLICATIONS



Food Processing and Packaging



Medical and Pharmaceutical Industry



Pipes and Fittings

ADVANTAGES



Guarantee Against Presence of Foreign Elements



Standalone Product or a Combi-Batch



Wide Range



No Corrosion

www.tosaf.com



YOUR NOTES

**ADDITIVES &
COLORS FOR THE
PLASTICS INDUSTRY**