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Special PolyMag® Additives for Food Processing Issue-November 2011 www.eriez.com/Products/polymagmasterbatchadditives/

SOLUTIONS FOR
FOOD INDUSTRIES

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Protect Your Brand!

FDA compliant PolyMag® Additives from Eriez impart metal detectability, x-ray contrast and magnetic susceptibility into plastic moldings to protect consumers from plastic contaminated food products. Eriez provides PolyMag Additives in a non-dusting pellet, giving molders and extruders the ability to produce metal detectable and x-ray visible plastic parts for food contact applications. Molders can satisfy varying levels of detectability at a cost that is significantly lower than specialty compounds. By utilizing PolyMag Additives, the need to buy minimum quantities of special compounds and carry excess material inventory is eliminated. Furthermore, major restaurant chains are insisting that food processors use plastic and rubber articles that are metal and x-ray detectable. This has become part of many companies' HACCP (Hazard Analysis Critical Control Point) programs. PolyMag Additives are an ideal solution for maintaining HACCP requirements, safeguarding customers and protecting brand reputation.

POLYMAG® ADDITIVE!

How It Works

Eriez supplies its masterbatch PolyMag Additives to molders of various food contact plastic materials. Eriez also provides PolyMag powders for special compounding needs or for use in foam, thermoset rubber and liquid raw materials. PolyMag Additives are typically included at 10-20% loadings in moldings and extrusions. Resins containing the PolyMag Gray can be pigmented by the molder to darker colors such as blue, gray, green, red and purple. Economical PolyMag Black is suitable for black applications. Eriez offers the PolyMag masterbatch pellets with various carrier resins including ethylene, polypropylene, polycarbonate, nylon, acetal and a flexible elastomer.

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Ideal Applications

Stop unwanted plastics from contaminating your products with the help of Eriez' PolyMag Additives. PolyMag is ideal for:

- Plastic Returnable Containers: pallets, molds, sifter balls, suction cups, closures and sliders
- Tools: cups, buckets, lids, pails, totes, paddles, scoops, shovels and stirrers
- Seals: gaskets, grommets, o-rings and seals
- Tags: cable ties, labels and tags
- Equipment: blades, scrappers, trays and conveyor belts

Eriez experts are always available to consult with you regarding your specific application. Contact us today!

Other Featured Items

ProGrade® Magnetic Separators
http://www.eriez.com/Products/products/Prograde/

EriezXpress
http://www.eriez.com/Products/EriezXpress/

Have a question? send us an e-mail.

PolyMag Brochure

Ready to learn more about Eriez' incredible PolyMag Plastics Separator and Process? Eriez is offering a free brochure that offers an in-depth look at this unique process. The four-page brochure offers an overview of the PolyMag Process, along with a case study and other helpful information. To download the brochure in PDF format, click here. To obtain a hard copy, contact Eriez and request brochure PMB-01D.

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