

Metal detectable (MD) plastics

Reduced contamination of food, resulting in less related costs and reduced financial and image risk



Overview

Our high performance MD range offers

- Excellent dimensional stability
- Increased wear resistance
- Eliminate costly lubrication
- Increased production speed

Our team can help advise on the best material for your food application

PE 1000 MD

Dark Blue / low friction material solution

- Very high impact resistance
- Low coefficient of friction
- Excellent release properties
- Temp. range +80°C to -150°C
- Blue for visual detection
- Available in sheet and rod

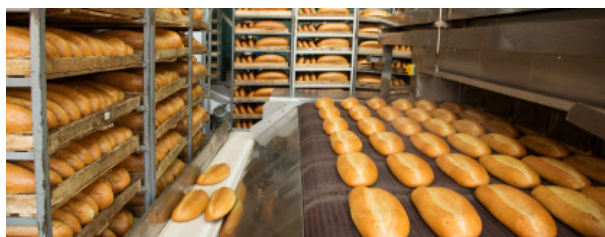
Acetal MD

Blue / stable material solution

- High dimensional stability
- Good impact strength
- Detection by x-ray possible
- Temp. range +105°C to -30°C
- Blue for visual detection
- Available in sheet and rod

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Delivering high quality and safe products for the food and beverage production and packaging industry



Considerations

The goal of any food and beverage production is to deliver a safe product.

Product recall could turn into the worst case scenario for a company. The food industry needs to prevent contamination of food caused by breakage or wear of parts by using equipment such as metal detectors.

Replacing wear parts with selected engineering plastics can also improve production speed and extend productive cycles of machines.

Solutions

We offer a range of metal detectable plastics, which offer superior properties compared to metal or existing plastics.

Key material qualities:

Improved impact resistance resulting in less breakage of highly stressed plastic parts in production and process equipment.

Material additives allow detection of very small (down to 27mm³) particles via metal detectors addressing the remaining risk of occurring breakage or wear.

Benefits

Our metal detectable range is food contact compliant and is supported and approved by the EU legislation.

Overall benefits:

- Reduced contamination of food, resulting in reduced financial and image exposure.
- Extended productive cycles of machines due to reduced downtime.
- Lower maintenance costs.