

# Report

## Product Development



**RÖCHLING**  
Engineering Plastics

### Röchling's X-ray and Metal Detectable Products Help Food Processing Companies Comply with the 2010 Food Safety Act.

At the request of the world's largest food processing company Röchling developed Metal Detectable UHMW and Acetal in late 2009. In late 2010 another large food processing company asked Röchling if they could develop a group of X-ray detectable plastics. Both these companies relied on Röchling to help them comply with the 2011 Food Safety Modernization Act.

Food processing companies are installing metal detectors and X-Ray detectors at a very fast rate to provide for better food safety and meet the Food Safety Act requirements.

Plastics are inert and most are invisible to X-ray & metal detection technology. This is why Röchling Engineering Plastics has developed a complete line of metal detectable and X-ray detectable plastics to assure food safety for food processing companies using metal & X-ray detection technology.



Sizes down to less than 3mm<sup>3</sup> can be detected!

### Röchling X-ray (Patent Pending) Detectable Plastics:

- Polystone M XDT
- Sustarin C XDT
- SustaPEEK XDT

Materials that can be detected in sizes under 3mm<sup>3</sup> !

### Röchling Metal Detectable Plastics:

- Polystone M MDT
- Sustarin C MDT
- SustaPEEK MDT

Materials that can be detected in sizes under 3mm<sup>3</sup> !



**Polystone M-MDT & XDT & Sustarin C-MDT & XDT available in:**

Rods: ¼" - 8" diameter

Sheets: ¼" - 4" thick

(Minimums may apply)

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