

Sustarin® C XDT - X-ray detectable Acetal for Food Processing Equipment!

NEW

Sustarin® C XDT

Röchling Engineering Plastics is the first manufacturer to offer extruded X-ray detectable Acetal Copolymer sheets and rods for machined parts and components in the food processing industry.

With new regulations in place, the FDA now mandates that all food processors have comprehensive preventive controls and safety programs in place. They have the complete authority to recall food due to contamination, and it is well known to food processors that a recall can kill a brand.

Repeated handling, cleaning and normal wear and tear of plastic component parts on processing machinery increases the risk of a fragment breaking off and contaminating the product, especially with the ongoing pressure to increase production line speeds. Quality checks are performed at process control points typically with either metal or x-ray detection systems. In many cases, X-ray systems are required or preferred due to the food (such as meat products) and the fact that the system can effectively detect contamination post-packaging.

Sustarin® C XDT has been proven to be detected in a particle as small as a 3mm cube on production lines running as fast as 250 feet-per-minute.

Together with our recently developed Polystone® M XDT (UHMW-PE), Röchling now provides two of the most commonly used engineering plastics in the food processing industry in these special x-ray detectable grades.

Coming soon, SustaPEEK XDT – the industry's first X-ray detectable extruded PEEK specifically designed for high-temp applications in the food processing industry.



Sustarin® C XDT can be detected as small as a 3mm cube.

It is the responsibility of the user to test and approve the detection of this product due to variations in x-ray detection systems and required sensitivity settings.

Available as:

Rods: 1/2" to 6" dia.

Sheets: 3/8" to 4" thick



Röchling Engineering Plastics offers the most comprehensive product line in the USA & Canada including:

Polystone® M (UHMW-PE)	Sustamid® Nylon
Polystone® P (Polypropylene)	Sustarin® Acetal
Polystone® G (HDPE)	Susta HPMS

Applications

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| <ul style="list-style-type: none"> ⊕ Scraper blades ⊕ Filler plates ⊕ Pocket fillers ⊕ Piston fillers | <ul style="list-style-type: none"> ⊕ Mixer Components ⊕ Wear plates ⊕ Volumetric fillers ⊕ Hopper guides | <ul style="list-style-type: none"> ⊕ Baffles ⊕ Pillow blocks ⊕ Cups & Sleeves ⊕ Dividers |
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