



SUSTARIN C MDT

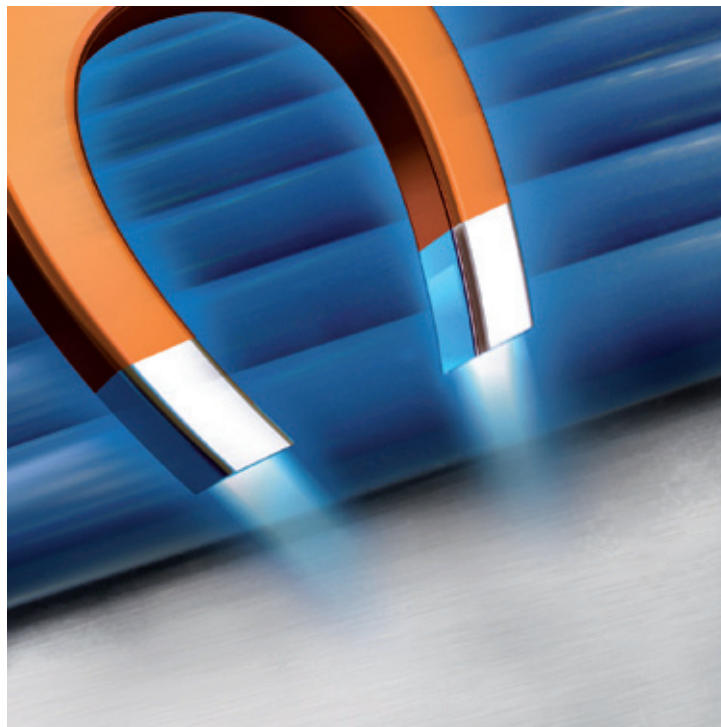
Detectable Polyacetal for food industry and material-handling industry

Finally, an engineering plastic is available that provides all of the physical properties of acetal, can be sensed by metal detectors and best of all it is FDA compliant.

Röchling Sustaplast now offers SUSTARIN C MDT as a solution to many food processing and packaging applications. Most of the food products that we consume every day come into contact with different machines during the manufacturing and packaging processes. If just a small part or component from any one of those machines finds its way into the food there can be serious health risks.

SUSTARIN C MDT has special additives that allow it to be traced by standard metal detectors and removed before causing further contamination. Quality assurance engineers at some of the largest food processing manufacturers have already tested this product and found it to be highly effective.

The important mechanical, thermal and chemical resistance properties remain unchanged in comparison to standard acetal. This engineering plastic can be easily machined and has excellent dimensional stability for close tolerance parts.



Colour	blue
Rods	8-200 mm (Ø)
Plates	6-100 mm (thickness)
Sheets (1000 x max. 3000 mm)	8-100 mm (thickness)
Sheets (1250 x max. 3000 mm)	15-50 mm (thickness)
Tubes	On request

Available Dimensions

Property	Unit	Value
Density	g/cm ³	1,55
Service temperature (short time)	°C	165
Service temperature (long time)	°C	100
Tensile strength at yield	MPa	65
Tensile Modulus of Elasticity	MPa	3100

Material Properties

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