

Technical data sheet

SUSTARIN® C MDT (Metal Detectable Acetal Copolymer)

Product characteristics

- Metal detectable in as small as 3 mm particle size
- Excellent impact and wear resistance
- Low sliding properties

Typical field of application

- Food processing parts
- Portion fillers
- Kettle paddles & scraper blades

Physical Properties	tested method	unit	value
Specific Gravity	DIN EN ISO 1183-1	g/cm ³	1.55
Water Absorption	D570	%	0.20
Mechanical Properties	tested method	unit	value
Hardness	-	-	82
Tensile Strength at yield	D256	psi	9000
Flexural Modulus	D790	psi	138,000
Flexural Strength	D638	psi	380,000
Izod Impact, Notched	D256	ft-lb/in	1.0
Thermal Properties	tested method	unit	value
Melting Point	DIN EN ISO	°F	334
Maximum Service Temperature, Air	-	°F	185
Melt Flow Rate	D238	g/10min	16
Deflection Temperature	DIN EN ISO 75	°F	212
Compliance Properties	tested method	unit	value
FDA	-	-	Yes
NSF	-	-	No
USDA	-	-	Yes

The data stated above are average values ascertained by statistical tests on a regular basis. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.