

Technical data sheet

SUSTARIN® C XDT (X-Ray Detectable Acetal Copolymer)

Product characteristics

- X-ray 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
- Paddles & scraper blades

Physical Properties	tested method	unit	value
Specific Gravity	D792	g/cm ³	1.57
Water Absorption	D570	%	0.20
Mechanical Properties	tested method	unit	value
Rockwell Hardness	D785	R Scale	R100
Flexural Modulus	D790	psi	460,000
Flexural Strength	D790	psi	10,000
Tensile Elongation	D638	%	6
Izod Impact, Notched	D256	ft-lb/in	1.1
Thermal Properties	tested method	unit	value
Melting Point	D3418	°F	334
Maximum Service Temperature, Air	-	°F	185
Melt Flow Index	D1238	g/10min	2.5
Heat Deflection Temperature 66psi	D648	°F	320
Heat Deflection Temperature 264psi	D648	°F	230
Coefficient of Linear Thermal Expansion	D696	in/in/°F x10 ⁻⁵	1.2
Compliance Properties	tested method	unit	value
FDA	-	-	Yes
NSF	-	-	Yes
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.