

### Technical Data Sheet

## Sustarin<sup>®</sup> C XDT - ASTM

#### Typical characteristics

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

#### Typical industries

- Potravinářský průmysl
- Pečivo a sladkosti

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D792	g / cm <sup>3</sup>	1.57
Water Absorption 24 hours	ASTM D570	%	0.2
<b>Mechanical properties</b>			
Tensile Strength at Yield	ASTM D638	psi	7200
Hardness	ASTM D2240	Shore D	70
Tensile Elongation	ASTM D638	%	6
Flexural Strength	ASTM D790	psi	10000
Flexural Modulus	ASTM D790	psi	460000
Rockwell Hardness	ASTM D785	R	100
Izod Impact, Notched	ASTM D256	ft-lb/in	1.1
<b>Thermal properties</b>			
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10 <sup>-5</sup>	1.2
Melting Point		°F	334
Continuous Service Temperature, Air		°F	185
Deflection Temperature at 1.8Mpa (264psi)	ASTM D648	°F	230
Deflection Temperature at 1.8Mpa (66psi)	ASTM D648	°F	320
<b>Compliance properties</b>			
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.

