

## Technical Data Sheet

# Sustarin<sup>®</sup> C MDT - ASTM

POM-C

### Typical characteristics

- Metal detectable
- FDA compliant
- High hardness
- High rigidity

### Typical industries

- Conveyor Technology & Automation
- Food Industry
- Mechanical Engineering Industry

	Test method	Unit	Guideline value
<b>General properties</b>			
Water Absorption 24 hours	ASTM D570	%	0.2
Specific Gravity	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1.55
<b>Mechanical properties</b>			
Hardness	ASTM D2240	Shore D	82
Tensile Elongation	ASTM D638	%	10
Flexural Strength	ASTM D790	psi	380000
Flexural Modulus	ASTM D790	psi	138000
Izod Impact, Notched	ASTM D256	ft-lb/in	1.0
<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
Maximum Service Temperature, Air		°F	185
<b>Compliance properties</b>			
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.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 13/06/2026 • Release: 08/04/2024 • Version: 1.0  
 PIM-ID: 717934 • PIM-Code: 35-15-19,15,11,11-11.5.5-2  
 Company-IDs: 23070

Page 1 / 1 (Dates in DD/MM/YYYY)

