



# Alro Plastics

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## Sustarin® C MDT

Metal Detectable, Blue Acetal Copolymer (Tech Data Sheet)

Physical Properties	Value	Test Method
Specific Gravity	1.55 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Water Absorption	0.20%	ASTM D 570
<b>Mechanical Properties</b>		
Hardness	82	---
Tensile Strength at Yield, 73°F	9,000 psi	ASTM D 256
Flexural Modulus	138,000 psi	ASTM D 790
Flexural Strength	380,000 psi	ASTM D 638
Izod Impact, Notched	1.00 ft-lbs/in	ASTM D 256
<b>Thermal Properties</b>		
Melting Temperature	334° F	DIN EN ISO
Maximum Service Temperature, Air	185° F	---
Melt Flow Rate	16 g/10min	ASTM D 238
Deflection Temperature	212° F	DIN EN ISO 75
<b>Compliance Properties</b>		
FDA	Yes	---
NSF	No	---
USDA	Yes	---

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