



# Alro Plastics

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## Sustarin® C XDT

X-Ray Detectable, Blue Acetal Copolymer (Tech Data Sheet)

Physical Properties	Value	Test Method
Specific Gravity	1.57 g/cm <sup>3</sup>	ASTM D 792
Water Absorption	0.20%	ASTM D 570
Mechanical Properties		
Rockwell Hardness	R 100	ASTM D 785
Flexural Modulus	460,000 psi	ASTM D 790
Flexural Strength	10,000 psi	ASTM D 790
Tensile Elongation	6 %	ASTM D 638
Izod Impact, Nothced	1.10 ft-lbs/in	ASTM D 256
Thermal Properties		
Melting Temperature	334° F	ASTM D 3418
Maximum Service Temperature, Air	185° F	---
Melt Flow Index	2.50 g/10min	ASTM D 1238
Heat Deflection Temp., 66 psi	320° F	ASTM D 648
Heat Deflection Temp., 264 psi	230° F	ASTM D 648
Coefficient of Linear Thermal Exp.	1.20 in/in/°F x 10 <sup>-5</sup>	ASTM D 696
Compliance Properties		
FDA	Yes	---
NSF	Yes	---
USDA	Yes	---

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