



# Alro Plastics

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## SustaPEEK XDT

X-Ray Detectable, Blue Polyether Ether Ketone (Tech Data Sheet)

Physical Properties	Value	Test Method
Specific Gravity	1.4395 g/cm <sup>3</sup>	ASTM D 792
<b>Mechanical Properties</b>		
Tensile Strength at Yield	11,758 psi	ASTM D 638
Tensile Strength at Break	9,266 psi	ASTM D 638
Izod Impact, Nothced	1.20 ft-lbs/in	ASTM D 256
<b>Thermal Properties</b>		
Melting Point	334° F	---
Maximum Service Temperature, Air	185° F	---
Heat Deflection Temperature 264 psi	16 g/10min	ASTM D 648
Coefficient of Linear Thermal Expan.	212° F	ASTM D 696
<b>Compliance Properties</b>		
FDA	Yes	---
NSF	Yes	---
USDA	Yes	---

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