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TecaPEEK® UD Blue

Ultra Detectable, Blue Polyetheretherketone (Tech Data Sheet)

Mechanical Properties	Value	Test Method
Modulus of Elasticity (tensile test), at 73°F	772,200 psi	ASTM D 638
Tensile Strength, at 73°F	12,750 psi	ASTM D 638
Elongation at Yield, at 73°F	3.43 %	ASTM D 638
Elongation at Break, at 73°F	4.13 %	ASTM D 638
Flexural Strength, at 73°F	21,230 psi	ASTM D 790
Modulus of Elasticity (flexural test), at 73°F	728,400 psi	ASTM D 790
Compression Strength, @ 10% strain, at 73°F	21,235 psi	ASTM D 695
Compression Modulus, at 73°F	536,730 psi	ASTM D 695
Impact Strength (Izod), at 73°F	0.79 ft-lbs/in	ASTM D 256
Rockwell Hardness, M Scale, at 73°F	101 (M)	ASTM D 785

Thermal Properties	Value	Test Method
Melting Temperature	644° F	---
Service Temperature, Long Term	500° F	---
Service Temperature, Short Term	572° F	---

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