

Property	U.S. Customary Units			SI Units	
			Units		Units
Tensile Strength	545	ksi		3.75	GPa
Tensile Modulus	33.5	Msi		231	GPa
Density	0.064	lbs/in ³		1.76	g/cc
Elongation at Break	1.4	%			
Filament Diameter	7.0	micron			
Carbon Assay	92	%			
Surface Area	0.45	m ² /g			
Electrical Resistivity	18.0	micro-ohm-			
		m			
Thermal Conductivity	5	BTU/hrft ² °F	8		W/mK
CTE at 70°F(21°C)	-0.30	ppm/°F	-0.60		ppm/°C

Tow Count (1000s of filaments per strand)

Property	Units	1K*	3K*	6K*	12K*
Yield	yd/lb	7.500	2.510	1.255	627
	m/g	15.05	5.04	2.52	1.26
Linear Density	g/m	0.066	0.198	0.395	0.794
Fiber Area in Yarn Cross Section	in ² x10 ⁻⁵	5.8	17.5	35.0	70.0

*K refers to 1,000's of filaments in a strand

**Typical properties, actual properties of individual lots will vary within specification limits.

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