

# T910S

## INTERMEDIATE MODULUS CARBON FIBER

A high strength, intermediate modulus, continuous fiber tow with an excellent balance of strength and modulus, suitable for any critical application requiring light weight strength and stiffness. This fiber has applications in pressure vessels (filament winding), non-crimp fabrics, braiding and prepregging. Manufactured in the USA.

### PRODUCT DESIGNATION

<b>T910S</b>	<b>C</b>	<b>36,000</b>	<b>5</b>	<b>0</b>	<b>C</b>
Fiber Type	Twist*	Filament Count	Sizing Type	Surface Treatment	Sizing Amount

\*Never Twisted

### RESIN SYSTEM COMPATIBILITY

SIZING TYPE & AMOUNT	RESIN SYSTEM COMPATIBILITY	METHOD
50C (1.0%)	Epoxy, phenolic, polyester, vinyl ester	TY-030B-05

### FIBER PROPERTIES

PROPERTY	ENGLISH	METRIC	METHOD
Tensile Strength	880 kpsi	6,070 MPa	TY-030B-01
Tensile Modulus	40.2 Mpsi	278 GPa	TY-030B-01
Strain at Failure		2.2%	TY-030B-01
Density		1.80 g/cm <sup>3</sup>	TY-030B-02
Filament Diameter		6 μm	
Yield (36K)		1615 g/1000m	TY-030B-03

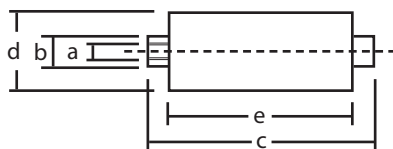
The above properties do not constitute any guarantee of values or warranty of any kind. These values are intended to be a general guideline for material selection purposes only. For applications requiring guaranteed values, contact our sales and technical team to establish a material specification document.

### PACKAGING

TOW SIZES	BOBBIN NET WEIGHT (kg)	BOBBIN TYPE	BOBBIN SIZE (mm)					SPOOL PER CASE	CASE NET WEIGHT (kg)
			a	b	c	d	e		
36K	3 Type 5.8,5.3,4.8	III	76.5	82.5	280	<190	252	6	34.8, 31.8, 28.8

#### Bobbin Type:

Type III



**For more information or purchasing inquiries:**

IndustrialSales@toraycma.com | www.toraycma.com | 972-899-2930