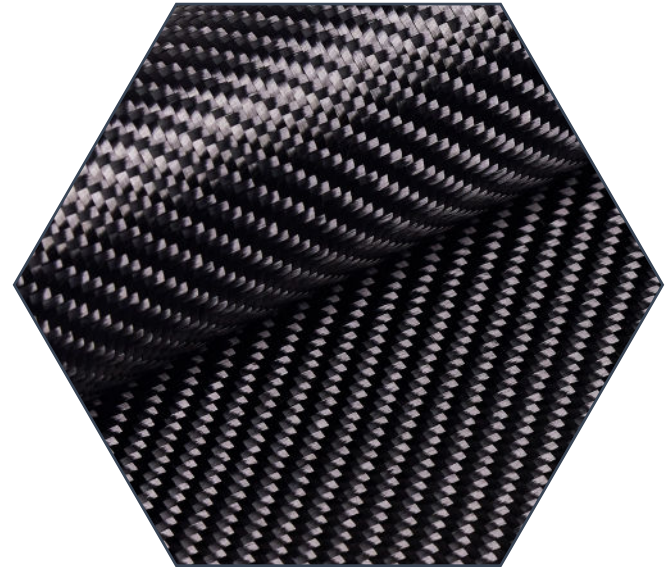




## CARBON FIBER FABRIC 2X2 TWILL 6K HYOSUNG H2550 C10 MODEL #: F-374

### TYPICAL TOW PROPERTIES

Number of Fillaments: 6000  
Tensile Strength: 5516 MPa / 800 Ksi  
Tensile Modulus: 250 GPa / 36.3 Msi  
Elongation: 2.2%  
Density: 1.80 g/cm<sup>3</sup>  
Filament Diameter: 7.0µm  
Yield: 400 g/km  
Sizing Level: 1.0%



### TYPICAL COMPOSITE PROPERTIES

H2550 FIBER		SI UNITS	US UNITS	TEST METHOD
Tensile Properties	Tensile Strength	2950 MPa	428 Ksi	ASTM D3039
	Tensile Modulus	140 GPa	20.3 Msi	ASTM D3039
	Tensile Strain	2.00%		ASTM D3039
Compressive Properties	Compressive Strength	1450 MPa	210 Ksi	ASTM D3410
Flexural Properties	Flexural Strength	1800 MPa	261 Ksi	ASTM D790
	Flexural Modulus	125 GPa	18.1 Msi	ASTM D790
ILSS	Strength	90 MPa	13.1 Ksi	ASTM D2344

Information and data included in this data sheet is considered to be accurate and reliable to the best of our knowledge however it is not quaranteed to be so. It is the user/buyer's responsibility to determine for themselves the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. Composite Envisions make no representations or warranties as to the results to be obtained in using any material. As Composite Envisions cannot foresee all conditions under which products will be used, user/buyer waives any claim against Composite Envisions for direct, indirect, consequential, or exemplary damages including without limitation, damage which may incur as a result of user/buyer's use or misuse of the product or the product's failure to perform to any expected performance level.

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