



**GRAFIL INC.**

## **PYROFIL™ P330 SERIES – Typical Properties of Carbon Fiber**

<b>Fiber Type</b>	<b>Number of Filaments</b>	<b>Strength Ksi (MPa)</b>	<b>Modulus Msi (GPa)</b>	<b>Density lb/in<sup>3</sup> (g/cm<sup>3</sup>)</b>	<b>Yield yds/lb (mg/m)</b>	<b>Denier (tex)</b>	<b>X-Sectional Area in<sup>2</sup> (mm<sup>2</sup>)</b>	<b>Elongation %</b>	<b>Filament Diameter μ m</b>
TRH50	60,000	700 (4.90)	36 (250)	0.0657 (1.82)	155 <sup>1</sup> (3,200)	28,800 (3,200)	2.73x10 <sup>-3</sup> (1.758)	1.9	6
TRW40	50,000	600 (4.20)	35 (240)	0.0657 (1.81)	134 <sup>1</sup> (3,700)	33,300 (3,700)	3.17x10 <sup>-3</sup> (2.044)	1.7	7

<sup>1</sup> Property not optimized and may change

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