

Typical Properties of Grafil 37-800 30K Carbon Fiber

Fiber Type	Number of Filaments	Strength Ksi (MPa)	Modulus Msi (GPa)	Density lb/in ³ (g/cm ³)	Yield yds/lb (mg/m)	Denier (tex)	X-Sectional Area in ² (mm ²)	Elongation %	Filament Diameter μm
37-800	30,000	770 (5.30)	36 (250)	0.0657 (1.82)	310 (1,600)	14,400 (1,600)	1.36x10 ⁻³ (0.879)	2.1	6
37-800WD	30,000	770 (5.30)	36 (250)	0.0657 (1.82)	310 (1,600)	14,400 (1,600)	1.36x10 ⁻³ (0.879)	2.1	6

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