



Carbiso™ MF Data Sheet

Milled carbon fibres are random, short-length fibres, with a typical fibre length of 80μ, and 100μ.

- When mixed with a polymer, carbon fibre offers increased mechanical reinforcement and an increase in modulus.
- The short, random fibres that compose milled carbon fibre also add dimensional stability, resulting in components that are distortion-free.
- Carbon fibre is both electrically and thermally conductive, and polymers containing short carbon fibres can be customised for resistivity – from anti-static, through static dissipative to conductive.
- The unsized Milled Fibres are compatible with most thermoset and thermoplastic matrices.

Fibre Diameter (μ average)	7.5
Fibre Length (μ average)	80/100
Fibre Density (Kg/m ³)	1800
Tensile Strength (MPa)	3150
Tensile Modulus (GPa)	200
Sizing (%)	0
Bulk Density (g/l)	400
Packaging	17.5 Kg Pillow style bags

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