



# Carbiso™ CT Data Sheet

Standard length chopped carbon fibre tow – length: 6mm or 12mm.

- When mixed with a polymer, carbon fibres offer increased mechanical reinforcement and an increase in modulus.
- Carbon fibres are both electrically and thermally conductive, and polymers containing short carbon fibres can be customized for resistivity – from anti-static, through static dissipative to conductive.
- Chopped fibres offer higher structural and conductive properties than those of shorter milled fibres.
- The sized fibres are compatible with most thermoset and thermoplastic matrix systems.

Fibre Diameter ( $\mu$ average)	7.5
Fibre Length (mm nominal)	6mm, 12mm
Fibre Density – baled ( $\text{Kg}/\text{m}^3$ )	1800
Tensile Strength (MPa)	3150+
Tensile Modulus (GPa)	220+
Sizing (%)	1–1.5
Bulk Density (g/l)	350
Packaging	20kg bag

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