

Carbon Fibre Tow

3K, 6K and 12K sizes



Carbon Fibre Tow or Carbon Fibre Spool is a bunch of carbon fibre, like a yarn, that is commonly woven into carbon fibre fabrics however carbon fibre tow can also be used in its raw form for pultrusion and filament winding or used in small quantities for strong, localised reinforcement.

On its own, tow can be wound around joints or sections or layered to create unidirectional reinforcement of any shape or size, particularly on model planes, helicopters, boats and robotics projects.

We sell a range of weights (tow sizes/filament counts) of carbon fibre tow in short length packs and full commercial spools.

MECHANICAL PROPERTIES

	Units	3K Tow	6K Tow	12k Tow
Number of Filaments		3000	6000	12000
Filament Diameter	µm	7	7	7
Yield	mg/m	200	400	800
Tensile Strength	MPa	4120	4900	4830
Tensile Modulus	GPa	234	240	234
Elongation at Break	%	1.8	2.0	2.0
Density	g/cm ³	1.79	1.82	1.80

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

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Before using any of our products, users should familiarise themselves with the relevant Technical and MSDS provided by Easy Composites Ltd.

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