

For Thermoplastic CFRP prepreg yarn/tape

DUALON

DUALON is a material that can be made into a thermoplastic CFRP by creating a preform of your choice and then afterwards heating and compressing.

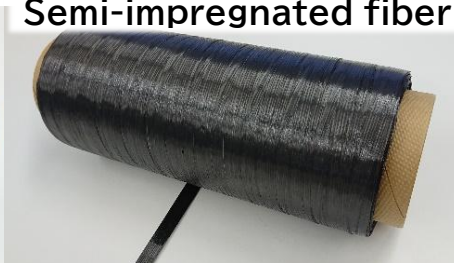
Three types to suit your needs

Yarn



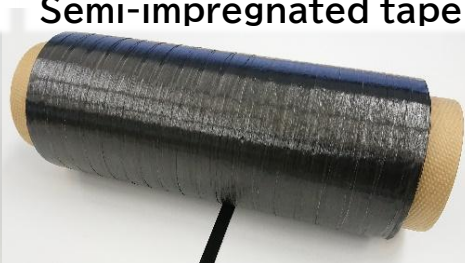
DRY

Semi-impregnated fiber



SIS

Semi-impregnated tape



PCY

- ◆ Standard carbon fibers are 6k, 12k and 24k
- ◆ Standard resin is high-performance bio-based nylon(LEXTER®) *Other resin can also be used on your request*
- ◆ Vf can be adjusted (around 40%~65%)

Woven fabrics, braided fabrics, cut fibers, etc. are also available

Properties

For further details, please contact us from the below

PCY General 12K

UD molded product

Fineness	Vf	Resin melting point	Tensile strength	Elastic modulus
1,334 tex	48.7 %	215 °C	2,630 MPa	105 GPa

Contact:

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