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Development

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 TENAX maximizes the potential of carbon fiber.

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TENAX

- Filament
- Chopped Fiber
- Woven Fabric
- Metal-coated fiber
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Pyromex

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Products

What is carbon fiber?

Applications of TENAX

Field	Category	Application
Aerospace	Aircraft	Primary structural material: main wings, tail units, fuselages Secondary structural material: ailerons, rudders, elevators Interior material: floor panels, beams, lavatory units, seats
	Rockets	Nozzle cones, motor cases
	Satellites	Antennas, solar battery panels, tube truss structural materials
Sports	Fishing equipment	Fishing rods, reels
	Golf clubs	Shafts, heads, face plates, shoes
	Rackets	Tennis, badminton, squash
	Marine	Sailboats, cruisers, racing boats, masts
	Others	Baseball bats, skis, ski poles, Kendo swords, Japanese and Western bows, radio-controlled model cars, table tennis and billiard equipment
Industrial materials	Automobiles	Propeller shafts, racing cars, CNG tanks
	Motorcycles	Racing cowls, muffler covers
	Bicycles	Frames, wheels, handle bars
	Cars and containers	Train car bodies, linear motorcar bodies, seats
	Machinery parts	Fiber parts, plate blades, robot arms, bearings, gears, cams, bearing retainers
	High-speed rotors	Centrifugal separator rotors, uranium enrichment cylinders, flywheels, industrial rollers, shafts
	Electric / Electronic parts	Parabola antennas, audio speakers, VTR parts, CD parts, IC carriers
	Pressure vessels	Hydraulic cylinders, gas cylinders
	Chemical equipment	Agitating vanes, pipes, tanks
	Medical equipment	Top plates, cassettes, X-ray grid, operation device parts, wheelchairs
	Construction	Cables, concrete reinforcement material
	Office equipment	Printer bearings, cams, housings
	Precision equipment	Camera parts, plant parts

Corrosion resistant equipment	Pump parts, plant parts
Others	Resin dyes, umbrellas, helmets, sheet heating element, spectacle frames