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TENAX maximizes the potential of carbon fiber.

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What is carbon fiber?

Challenging the Unlimited Potential

Carbon fiber is a state-of-the-art material with high tensile strength, high tensile modulus and many other excellent properties. It is now regarded as an indispensable element in the aircraft / aerospace, sports, and recreation industries. We are also constantly searching for new applications in civil engineering, construction, and other industries. Toho Tenax considers carbon fiber the core of its business. The potential applications of carbon fiber are virtually limitless. We will continue to make every effort to optimize its potentiality by further improving our high technology and R & D ability, and by using our quarter-century of experience as a pioneer in the carbon fiber industry.



Photo : Courtesy of NASDA

Properties of TENAX

1. High in tensile strength, tensile modulus, with excellent fatigue and abrasion characteristics
2. A low coefficient of linear expansion and outstanding dimensional stability
3. Exceptional electromagnetic shielding performance and X-ray penetrability

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Pyromex

Composite


In 1975 our company began mass-producing the PAN-based carbon fiber TENAX, and has since established itself as the world's leading carbon fiber manufacturer.

CSR

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