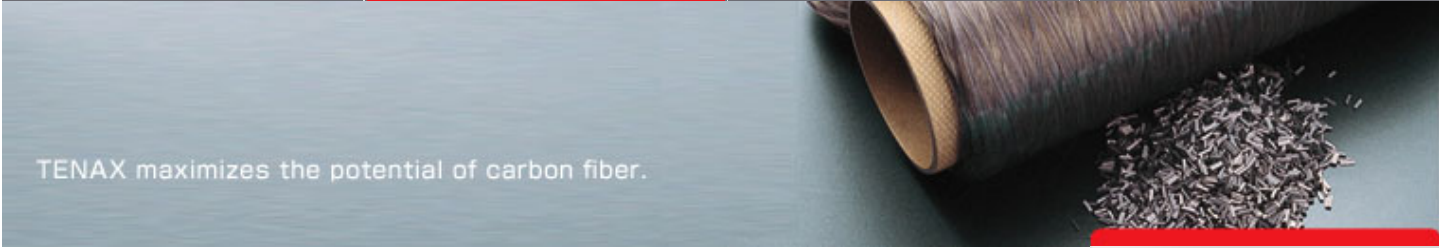


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Products

Development

About us



TENAX maximizes the potential of carbon fiber.

Products TOP

What is carbon fiber?

- Applications
- Manufacturing Process
- The example of a Product
- Quality management system

TENAX

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

Pyromex

Composite

Contact us

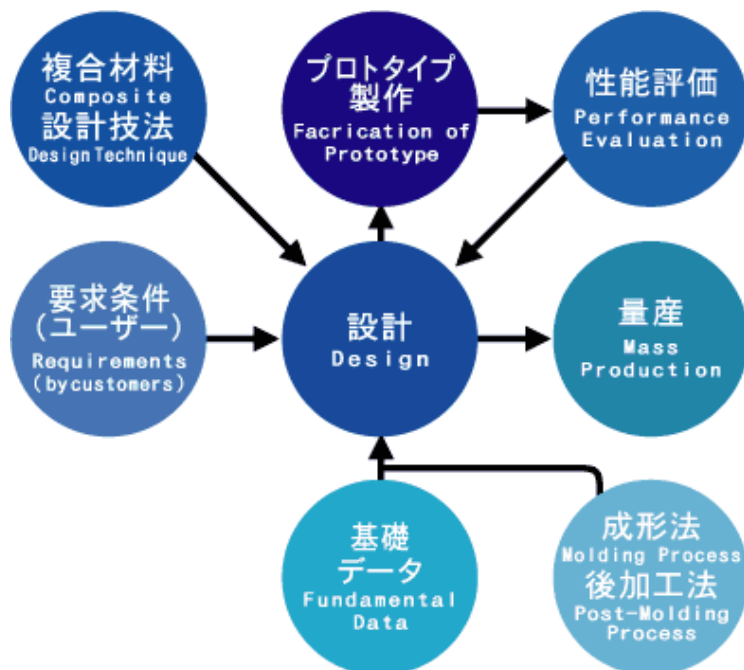
 Products
Composite

ACM (Advanced Composite Materials) are cutting-edge composite materials that surpass the capabilities of conventional composite materials, and the limits of their potential applications are still yet unknown. Toho Tenax continues to make advances with its CFRP (Carbon Fiber Reinforced Plastics) technology and its core product, TENAX.


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Systemized Composite Development

1. TENAX composite has an innovative design process that incorporates stress analysis, material selection, and molding process;
2. it is refined by test-production and technology based on extensive know-how;
3. its quality is assured by evaluation and management technology that are part of the integrated production system.



Applications



Robot hands

Keyword : control accuracy improvement

Realized high throughput
by high rigidity
and lightweight



High-speed rotation

Keyword : energy saving, small inertia

Can reach high-speed
rotation due to
its lightweight