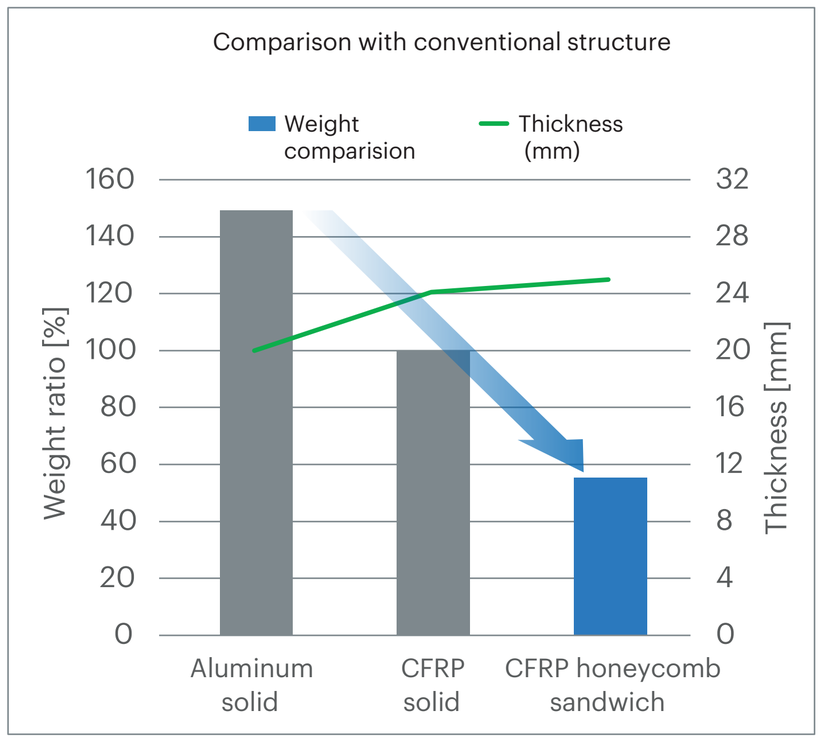
CFRP propeller for drone

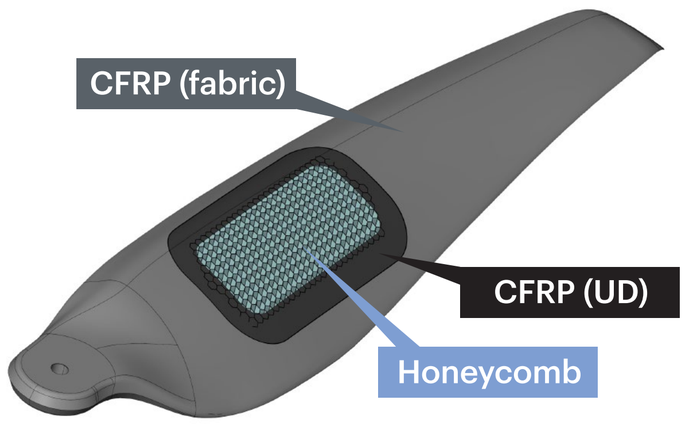
Feature of our product (Benefit of honeycomb sandwich structured CFRP)

・Outstanding Productivity Enabled by Press Molding with our Rapid-Curing Prepreg.
・Achieving Light Weight and High Stiffness with Honeycomb Sandwich Structure

⇒ Approx. 45％ weight reduction compared to solid CFRP structure
* Beam-type structure, based on equivalent flexural stiffness

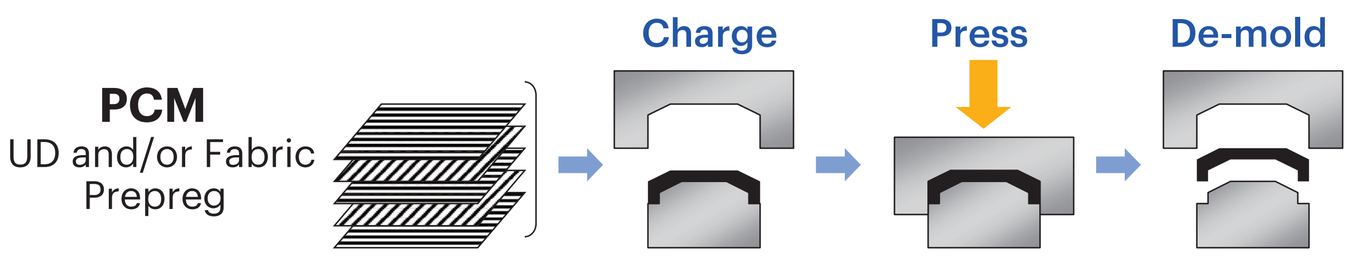


Structure of CFRP propeller



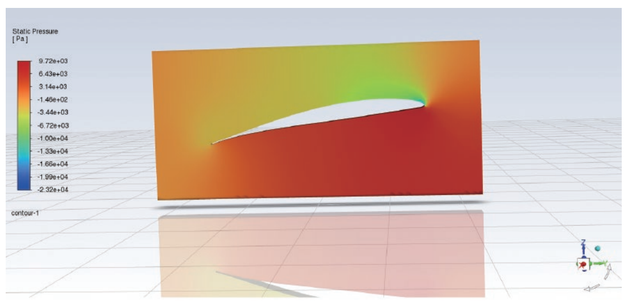
PCM (Prepreg Compression Molding)

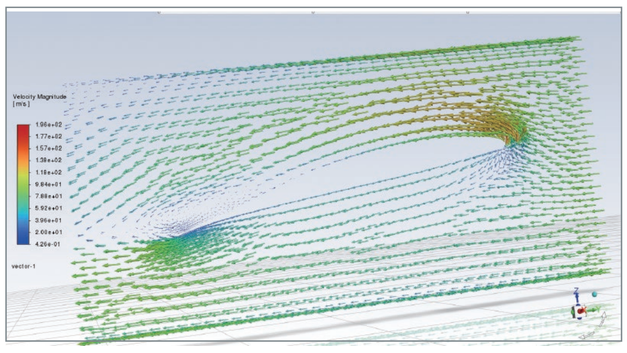
・ High-Cycle Press Molding Technology using Rapid-Curing Prepreg.
・ Our proprietary technology allows high productivity and excellent mechanical property comparable to autoclave molded parts.



Features and Application examples

・ Propeller Designed for Unmanned Aerial Vehicles (e.g., Agricultural Spraying and Cargo Transport, etc)
・ Aerodynamic analysis enables optimized propeller shape for enhanced performance.





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