



Comprehensive development service  
from a single source

## Comprehensive Expertise in Developing Composite Components

Our expertise covers consultation, concept development and product development – right up to the manufacture of tools and components.

Whether it's at the inception of your idea or later on, ARRK Engineering will support you throughout the entire product development process and will translate your requirements into a finished component.

### Virtual Development of Ideas, Concepts and Products

When it comes to the development of composite components, we work together with a close network of contributors from design, simulation and the materials lab – right from the first brainstorming session.

- Consulting & draft
- Configuration & Design
- Simulation & Analysis

### Manufacturing Prototypes, Tools, and Components

Once virtual development of your product is complete, we continue to support you by taking care of the series production or even by having your components manufactured directly by our affiliates. This includes both the manufacture of prototypes and the entire production process.

### Material testing and characterization

We are able to determine a variety of characteristic values for composites, plastics and adhesives as well as metals.

Moreover, through close collaboration between our material laboratory and the simulation department, we can offer our customers a comprehensive solution and adapt both the material model and the test program to the corresponding needs.



### YOUR ADDED VALUE

- Synergies resulting from the ARRK Corporation belonging to Mitsui Chemicals Group
- Membership in leading European Composite associations
- Research projects
- Sister company Shapers' located in Wuhan focussing on production of tools for Composites