







Carbon fiber helmet mold in vacuum forming



2.□□□□□□□□□□□□□□□□

Autoclave Processing (Vacuum bagged)



3.0000&038;0000



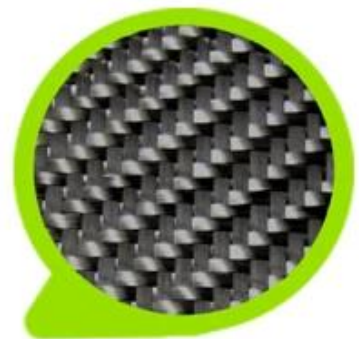
□□□□□



UD Tow



12k Tow



3k Tow



1k Tow



Spread Tow

Manufacturing Processes

- Casting
- Sheet metal forming
- Machining
- Powder metallurgy
- Welding
- Additive manufacturing (3D printing)
- Assembly

MANUFACTURING

- Process selection
- Design for manufacturing (DFM)
- Quality control
- Inventory management
- CNC machining
- Lean manufacturing
- Six Sigma
- Supply chain management

Manufacturing Systems

Manufacturing systems are designed to produce goods and services efficiently and effectively. They often involve the integration of manufacturing processes, equipment, and personnel. OEM (Original Equipment Manufacturer) systems are specifically designed to meet the requirements of a particular product or service.

- Automated manufacturing systems
- R&D (Research & Development) systems
- Production systems
- Distribution systems
- OEM (Original Equipment Manufacturer) systems

Manufacturing Equipment

- CNC (Computer Numerical Control) machines
- Robotics
- Assembly lines
- Quality control equipment
- Material handling equipment

Manufacturing Software

- ERP (Enterprise Resource Planning) systems
- MRP (Material Requirements Planning) systems
- PLM (Product Lifecycle Management) systems
- SCM (Supply Chain Management) systems
- 3D CAD (Computer Aided Design) software

Manufacturing Innovation

Manufacturing innovation is the application of new ideas, technologies, and processes to improve manufacturing efficiency, quality, and cost. Key areas of innovation include:

- Additive manufacturing (3D printing)
- Industry 4.0 (Smart Manufacturing)
- Automation and robotics
- Artificial intelligence (AI) and machine learning

Our In-house Testing Lab



Our testing facilities are ISO 9001 certified and CE compliant, ensuring the highest quality and safety standards for our products.

