

## About Wamen Techno



Company's name : Wamen Techno

Address : Wakayama city, Wakayama prefecture

Capital : 10 million JPY

Our business : Development and manufacture of industrial products that advanced Japanese paper making technology (paper making)

We compound various law materials (fibers and powders), and manufacture / develop high strength materials and products with our unique know-how.

We primarily deal in vehicles' parts (high-strengthened resin gear, friction materials, sliding materials and thermal insulation materials, etc.). However, since there are more demands for weight reduction these days, we receive more offers to develop products with recycled carbon fibers of low cost (recycled carbon CFRP/CFRPT).

○For example...

- Weight reduction of production robots' arms
- Weight reduction and strengthening of gears for robots, etc.
- Drone skeletons
- Development of car parts. Also receiving inquiries from other industries such as construction materials, agriculture, etc.

## 【Products】

- 1) Thermal insulation materials: For super high temperature furnaces
- 2) Gears: For cars/construction machines
- 3) Friction materials: Facing materials for vehicles
- 4) Sliding materials: Alternative to needle bearings
- 5) Thermal insulation materials: Washer for mufflers, intake heat insulation gaskets

## 【Principle machines】

- Paper manufacturing equipment
- Extruder
- Compression molding machine
- Super Mixer
- Transfer molding machine
- Thomson die cutting machine
- Power presser
- Centrifuge paper manufacturing equipment

## 【Testing machines】

- Universal testing machine 500kg
- Charpy impact tester
- Rockwell hardness tester
- Hydrometer (Submerged weighing method)
- Micro scope (200 times)

## ★★Key words★★

- High-strength resin gears

Today it is installed around car engines, as a substitute for iron gears. Our unique resin process method technology reduces noises, which works for the quietness of the engine.

- Thermal insulation materials for high-temperature furnaces: used for 2000℃ furnaces
- Friction materials
- Sliding materials
- Thermal insulation materials

## 【Contact info】

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Don't hesitate to ask us about parts weight reduction, composite resin development, etc.