

# TEIJIN

Human Chemistry, Human Solutions



## Endless opportunities

### Meeting market demand for specialty paper

The specialty paper market is continually demanding higher performance. Both existing and new applications have increasing requirements with regard to thermal endurance, enhanced physical, electrical and chemical performance, and abrasive resistance.

We can help you produce the right quality of paper by supplying Twaron aramid pulp, fibrids and short-cut fibers, backed up by extensive technical know-how. Combining your expertise in paper manufacturing with our products and technical support will open up endless possibilities for creating customized paper.

#### Key benefits when using Twaron

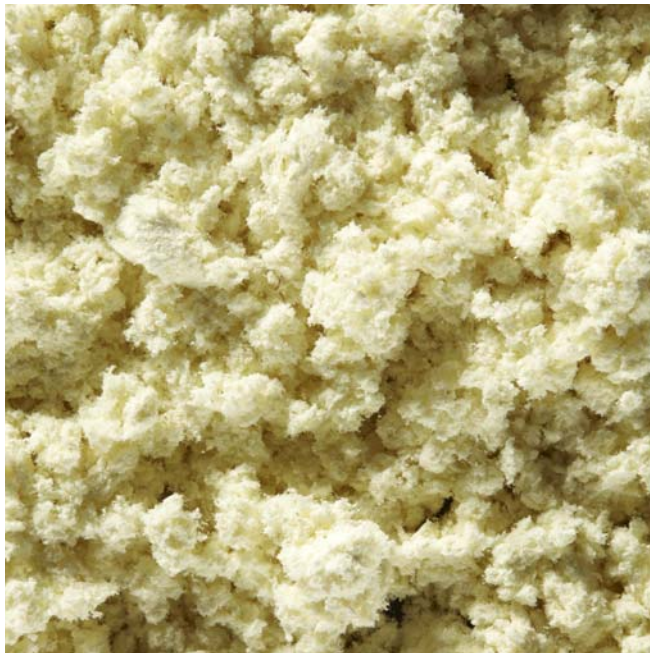
- High dimensional stability
- Thermal and chemical stability
- Low weight, high strength and flexibility
- Good tribological properties
- Excellent electrical insulation
- Mechanical and acoustic dampening

# Twaron<sup>®</sup>

The power of Aramid

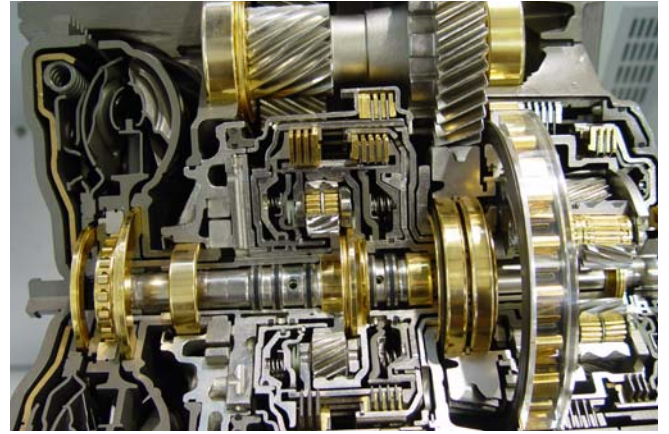
### Specialty high-performance paper products

Thanks to their special qualities, high-performance papers are used in, for example, automatic gear boxes, generators and transformers. Depending on the properties you require, we can provide pulp, short-cut fiber in various lengths and Jet-Spun Fibrils. Either a blend of these different Twaron product types or a blend with other material can be used to tailor the paper to produce the combination of properties you require. At Teijin Aramid we not only supply proven, cost-effective products, we also offer technical support to help you arrive at the specific paper you need.



### The Twaron contribution

Twaron significantly improves specialty papers, both as an additive and as a 100% solution. Including Twaron in your product ensures that the optimum combination of strength and porosity can be fine-tuned in the finished paper. An additional advantage is excellent flame resistance.



### A wide range of applications

Applications include electro-insulation paper (used in transformers and generators), printed circuit boards, laser printers and photocopiers, separator paper (used in batteries and capacitors), filtration papers, honeycombs and acoustic insulation, heat shields and thermal insulation (e.g. in microwave ovens), as well as gasket paper and friction paper for use in automatic transmissions in the automobile industry.

### Easy to use – environmentally friendly

Twaron can be processed on your standard paper machines. It forms a homogenous slurry without foaming and ensures good sheet formation. Twaron can be recycled.

For more information, please email us at [support@teijinaramid.com](mailto:support@teijinaramid.com) or visit [www.teijinaramid.com](http://www.teijinaramid.com)

*We do not accept any liability for the results of the use of these products.*

*The technical data in this leaflet reflects our best knowledge at the time of publication. The content of this leaflet is subject to change, depending on new developments and findings, and a similar reservation applies to the properties described in it.*

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The power of Aramid