

Tenowo GmbH

Composite

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

Tenowo GmbH is one of the world's leading companies in the nonwovens industry in the field of technical applications. With around 750 employees at sites in Europe, North America, China and Mexico, Tenowo is a pioneer in the development and manufacture of innovative technical textile products and nonwovens.

Tenowo GmbH, known for decades as a competent and innovative partner to the textile industry worldwide, has been working on the processing of recycled carbon fibres (rCF) into a nonwoven fabric since 2010. Nonwovens are inexpensive alternatives to established textiles (e.g. woven or non-woven fabrics), which can realise new properties in fibre-reinforced structures. The fibres used as the raw material for rCF nonwovens are provided by carbon fibre processing industries in the form of edge trimmings from woven and non-crimp fabric production. Fibres from "end-of-life" components can also be used for nonwoven production. In addition to pure carbon fibres, it is also possible to process blends with other fibre types, such as thermoplastic fibres, according to customer requirements. Nonwovens with thermoplastic fibre content can be processed into components in thermal processes without any further intermediate steps.

Fabrikzeile 21
95028 Hof
Bavaria
Germany
www.tenowo.com



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding

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Main areas covered	Nonwovens made from synthetic fibres, Carbon nonwovens, Absorbent nonwovens
Infrastructure	
Certifications	DIN ISO 9001, DIN EN ISO 14001, DIN ISO 50001, ÖKOTEX 100
Keywords	Carbon nonwoven, Non-woven fabric, Absorbent nonwoven, Carbon nonwovens, Carbon nonwovens
Memberships	Composites United, Bavaria Innovative

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts, Materials	✓	✓	✓
Services & consulting Testing and trials, Validation, Technology transfer	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
Recycling technologies Recycling	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology			
Nonwoven & mats production	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
(Technical) textiles	✓	✓	✓
Nonwovens, mats			

Contacts

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Contacts

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