

Covestro Thermoplast Composite GmbH

About this organisation

Machine translation

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

Covestro is one of the world's leading manufacturers of high-tech polymer materials for important industries. The company's products and application solutions can be found in almost all products of modern life. Covestro Thermoplastic Composites is a wholly owned subsidiary of Covestro and manufactures continuous fibre-reinforced thermoplastic UD tapes and organic sheets.

These composites can be produced on the basis of both carbon and glass fibres. One possible application for UD tapes is the local reinforcement of injection moulded components. The organic sheets, which are produced by laminating UD tapes, can be customised and designed to meet individual component requirements. Thanks to the unique technology and the unidirectional alignment of the fibres per layer of tape, it is possible to create Class A surfaces in components. In addition, CTC offers Covestro's well-known application technology service, from support with the idea to component design and series production.

Am Mühlberg 20
91477 Markt Bibart
Bavaria
Germany
www.cfrtp.covestro.com/



Organisation type
Small or medium-sized enterprise

Sectors

Employees
50 up to 249

Turnover
n/a

Funding
n/a



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About this organisation

Main areas covered	Thermoplastic composites, Unidirectional
Infrastructure	Test laboratory, Worldscales production facilities
Certifications	
Keywords	Unidirectional, Composite, Organosheet, Polycarbonate, Fibre composites
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials	✓	✓	✓
Services & consulting Consulting, Prototyping, Simulation		✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology			
Others (Unidirectional continuous fibre-reinforced thermoplastic composites from a continuous process)	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites			
Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)		✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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