

About this organisation

Our company is the leading producer of premium quality industrial rayon, marketed worldwide under the brand name CORDENKA®. This high-tenacity, cellulose-based man-made fiber is used as reinforcing material in high-performance tires, mechanical rubber goods and other plastic composites.

CORDENKA® fibers are characterized by an excellent balance between stiffness and impact strength when reinforcing thermoplastics, while at the same time having a lower density than, for example, glass fibers. Furthermore CORDENKA® rayon is bio-based and biodegradable so that it contributes to sustainable components. Cordenka works together with partners from research and industry to develop those specific areas of application. Additional work is also underway on developments that will allow the application of CORDENKA® in thermoset composites as well.

Industrie Center Obernburg
63784 Obernburg
Bavaria
Germany
www.cordenka.com/de



Organisation type

Large enterprises

Sector



Others:

Employees

500 and more

Turnover

More than €50m

Funding

Main areas covered

Biobasierte Verstärkungsfasern

Infrastructure

Certifications

ISO 9001 - Quality Management, ISO 50001 - Energy Management, ISO 1400 - Environmental Management, FSC® Chain-of-custody certification, OHRIS

Keywords

Fasern, Biobasiert

Memberships

AVK

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts, Materials	✓	✓	✓
<i>Services & consulting</i>			
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>			
<i>Recycling technologies</i>			
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>			
<i>Textile technology</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Biocomposites	✓	✓	✓
Cellular materials (foam materials)			
Composites			
Fibres			
Others (Celluloseregeneratfasern)	✓	✓	✓
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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