Bond-Laminates GmbH

About this organisation

Machine translation

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

Bond-Laminates GmbH is a wholly owned subsidiary of LANXESS Deutschland GmbH and develops and produces continuous fibre-reinforced thermoplastic composites in continuous processes suitable for mass production. As part of the LANXESS HPM (High Performance Materials) business unit, Bond-Laminates has the capability of in-depth feasibility analyses including the simulation of components.

Tepex® is a high-performance composite material essentially based on continuous fibre reinforcement made of glass and/or carbon in combination with thermoplastic polymers such as PP, PA6, PA6.6, TPU, PPS, etc. The fully consolidated semi-finished products (organic sheets) have high rigidity and strength combined with low density. The material enables the cost-efficient, mass production of components in very short cycle times. Tepex® is fully recyclable.

Am Patberschen Dorn 11
59929 Brilon
North Rhine-Westphalia
Germany
www.bond-laminates.de

BOND LAMINATES
Ein Unternehmen der LANXESS Gruppe

Organisation type
Small or medium-sized enterprise

Sectors

Employees
50 up to 249

Turnover
n/a

Funding
n/a

Main areas covered	Thermoplastic composites
Infrastructure	Water jet cutting system, Various testing facilities, Laboratory facilities
Certifications	ISO 9001
Keywords	Tepex®, Organosheet, Composites, Fibre composite material, Thermoplastic
Memberships	

Bond-Laminates GmbH

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts		✓	✓
Services & consulting Prototyping, Simulation			✓
Field of technology			
Design & layout Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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

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Overview of lightweighting expertise

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

Contacts

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Contacts

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