

Grasse For composite testing

About this organisation

Machine translation

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

Grasse Zur Composite Testing specialises in the testing of fibre-reinforced plastics. The company offers material testing as a service and at the same time develops all standard testing devices for determining mechanical material properties. The tests offered by the company include tensile, compression, shear and bending tests, DSC, specimen conditioning, density determination, etc.

As a reliable service provider, Grasse Zur Composite Testing offers mechanical material testing for all standard test methods as well as innovative, new test methods for fibre-reinforced plastics. Our aim is to develop test programmes for our clients that can be implemented in the shortest possible time, deliver high-quality results and are cost-optimised at the same time. As a developer and manufacturer of testing systems, we offer innovative progress in the shear testing of fibre-reinforced plastics, particularly with our shear testing system. The new test method in accordance with DIN SPEC 4885 was honoured with the DIN Innovation Award 2014 and the Berlin-Brandenburg Innovation Award 2014. As a spin-off from the Federal Institute for Materials Research and Testing (BAM), we offer sound experience in applied research. For this reason, we have been organising specialist seminars and training courses at our offices in Berlin since 2016.

Hohentwielsteig 6a
14163 Berlin
Berlin
Germany
www.grassezur.de



GRASSE ZUR
COMPOSITE TESTING

Organisation type

Small or medium-sized enterprise

Sectors



Employees

Up to 9

Turnover

Up to €2m

Funding

n/a

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Main areas covered

Materials testing, Testing devices, Material characterisation

Infrastructure

Material testing laboratory, Specimen conditioning, Seminar centre

Certifications

ISO 17025 (as of 04/2017)

Keywords

Material testing, DSC, Thrust tests, Operational stability, Fibre volume content

Memberships

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Materials	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

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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

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			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Metal matrix composite, Natural fibre reinforced plastics (NFRP), Laminates			
	✓	✓	✓
Fibres Aramid fibres, Basalt fibres, Glass fibres, Carbon fibres, Natural fibres			
	✓	✓	✓
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics, Elastomers, Thermoplastics			
	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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