

TASCON Company for surface and material characterisation mbH

About this organisation

Machine translation

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

Tascon GmbH is a leading international laboratory in the field of surface analysis. It has a globally unique combination of many years of experience, application expertise and state-of-the-art analytical equipment. In addition to its activities as an analysis laboratory, Tascon GmbH advises its customers on all topics relating to surfaces. As a flexibly accredited testing laboratory (DIN ISO/IEC 17025), it is also a competent partner for R&D.

As a surface analysis service provider, Tascon GmbH has extensive experience in the field of lightweight construction. Analysis and consulting are not limited to individual materials, so that metals, plastics or even composite materials can be analysed. Customers and co-operation partners in the field of lightweight construction come from all sectors, such as the polymer industry, the automotive industry or the metalworking industry. Tascon's typical fields of activity are quality and process control, failure and damage analysis, development support and reverse engineering.

Mendelstr. 17
48149 Münster
North Rhine-Westphalia
Germany
www.tascon.eu



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a



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Main areas covered	Analytical service
Infrastructure	Secondary ion mass spectrometry, X-ray photoelectron spectroscopy, Low-energy ion scattering, Surface analytical consulting, analytical service
Certifications	DIN EN ISO / IEC 17025:2018, Complies with: DIN ISO 9001:2015
Keywords	Analytics, Surface, Interface, Counselling, SIMS, XPS, LEIS
Memberships	-

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Testing and trials, Funding, Standardisation, Prototyping, Validation, Technology transfer	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
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			
<i>Additive manufacturing</i>			
Coating (surface engineering) Galvanising, Painting, Plasma process, Powder coating, Hot dipping, Sputtering	✓	✓	
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Clinching, Hybrid joining, Adhesive bonding, Soldering	✓	✓	
Material property alteration Mechanical treatment, Thermochemical treatment, Thermomechanical treatment, Heat treatment	✓	✓	
<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>			
Cellular materials (foam materials) Closed-pore, Open-pore, Syntactic foams	✓	✓	
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Short fibre-reinforced concrete, Metal-fibre-polymer composite, Metal-ceramic composite, Metal matrix composite, Nanocomposites, Natural fibre reinforced plastics (NFRP), Laminates, Particulate composites	✓	✓	
Fibres Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres	✓	✓	
Functional materials Electrorheological/magnetorheological fluids, Electrostrictive / magnetostrictive materials, Shape memory materials, Piezoelectric materials	✓	✓	
Metals Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	
Plastics Thermoset plastics, Elastomers, Thermoplastics	✓	✓	
Structural ceramics Monolithic ceramics, Non-oxidic ceramics, Oxidic ceramics, Ultra-high-temperature ceramics	✓	✓	
<i>(Technical) textiles</i>			

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Contacts

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