

SMC + BMC" working group

Network [AVK working group]

About this organisation

Machine translation

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


The SMC/BMC working group is a network that was founded by the industry. Experts from over 30 different companies/organisations have joined forces to promote the development of the materials and to make applications, possibilities and advantages better known.

The processing of SMC/BMC materials is one of the largest segments in the composites industry. The processing possibilities range from medium quantities to large series and from the smallest components to add-on parts in the commercial vehicle segment. Whether in the electrical/electronics industry, the automotive sector or infrastructure, SMC/BMC is always an excellent material for modern requirements.

Am Hauptbahnhof 10
60329 Frankfurt am Main
Hesse
Germany
www.smc-bmc.info



Organisation type
Cluster

Sectors


Employees
10 up to 49

Turnover
n/a

Funding
n/a



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About this organisation

Main areas covered SMC (Sheet Moulding Compound), BMC (Bulk Moulding Compound), Network, Training courses, Counselling

Infrastructure on request

Certifications

Keywords SMC (Sheet Moulding Compound), BMC (Bulk Moulding Compound), Pressing compounds, Series production, Semi-finished products

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Machines and plants, Systems and end products, Materials, Tools and moulds	✓	✓	✓
Services & consulting Training, Consulting, Testing and trials, Engineering, Prototyping, Technology transfer	✓	✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation			
Plant construction, Automation technology, Handling technology	✓	✓	✓
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming			
Compression moulding	✓	✓	✓
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming			
Injection moulding	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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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 Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
Fibres Glass fibres, Carbon fibres	✓	✓	✓
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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