

# Continuous fibre-reinforced thermoplastics" working group

Network [AVK working group]

## About this organisation

### Machine translation

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

Working group & project group consisting of OEMs and raw material manufacturers and suppliers, including Arkema, BASF, Covestro, Dupont, Evonik, IVW, Lanxess/Bond Laminates, Sabic and Tencate.

The aim of the working group is to establish continuous fibre-reinforced thermoplastics in the automotive sector. A project group has currently been set up to deal with the efficient, robust and uniform characterisation of continuous fibre-reinforced thermoplastics and their transfer to standards.

Am Hauptbahnhof 10  
60329 Frankfurt am Main  
Hesse  
Germany  
[www.avk-tv.de](http://www.avk-tv.de)



**Organisation type**  
Cluster

**Sector**  
A small black icon of a car, representing the automotive sector.

**Employees**  
10 up to 49

**Turnover**  
n/a

**Funding**  
n/a



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### About this organisation

<b>Main areas covered</b>	Research, Development, Standardisation, Project work, Network
<b>Infrastructure</b>	on request
<b>Certifications</b>	
<b>Keywords</b>	Continuous fibre-reinforced thermoplastics, Tapes, Organosheets
<b>Memberships</b>	

### Overview of lightweighting expertise

#### Machine translation

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Software & databases, Systems and end products, Materials	✓	✓	✓
<b>Services &amp; consulting</b> Consulting, Testing and trials, Standardisation, Validation	✓	✓	✓

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<b>Measuring and testing technology</b> Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
<b>Modelling and simulation</b> Crash behaviour, Loads & stress, Processes, Materials	✓	✓	✓
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<b>Forming</b> Thermal converting		✓	✓
<i>Joining</i>			
<i>Material property alteration</i>			
<b>Primary forming</b> Injection moulding		✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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

### Contacts

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### Contacts

Mr Dr. Elmar Witten

*Industry contact, GF*

[elmar.witten@avk-tv.de](mailto:elmar.witten@avk-tv.de)