

## PRESS RELEASE

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### **Successful conference on flame retardancy for composites in Berlin**

**On November 20<sup>th</sup>/21<sup>st</sup>, 2024, the second conference on flame retardancy for composite applications took place in Berlin, organised by the AVK - Industrievereinigung Verstärkte Kunststoffe e.V. in cooperation with the FGK - Forschungsgesellschaft Kunststoffe e.V.**

60 participants attended the international event, which this time focused on the requirements in the construction/infrastructure sector in addition to the transport sector.

In 14 presentations, 18 speakers provided information on new developments, requirements and innovations from the fields of standardisation, material development, construction/infrastructure, public transport, automotive and research & science.

Prof. Schartel from the Bundesanstalt für Materialforschung und –prüfung began with an introduction to the principle and concept of flame-retardant composites. In the following thematic blocks, the companies CTS Composite Technologie Systeme GmbH and Nabaltec AG provided information on new possibilities and developments at the material level of non-combustible fibre-reinforced plastics (FRP).

The implementation of fire protection requirements in the operation of rail vehicles or for load-bearing FRP components played a major role in the area of construction/infrastructure, as did the sustainability of these building materials, which Frank Lüders from DB Systemtechnik GmbH and Kabelan Thavayogarah from Fraunhofer LBF reported on in their presentations.

The well-known topic of e-mobility took its place in the automotive sector, where Dr. Christian Battenberg from Clariant Plastics & Coatings (Deutschland) GmbH spoke about flame retardants for applications in this field.

The successful event was rounded off by the Research and Science block with two presentations by Fraunhofer LBF and Deutsches Textilforschungszentrum Nord-West gGmbH & Centre for Nanointegration Duisburg-Essen.

Over the course of one and a half days, the conference provided an important platform for experts from industry and science to discuss the latest developments and challenges in the field of flame retardancy for composites. The high level of participation highlighted the relevance of the topic and underpinned the decision to organise a third round of the conference in 2026.

Mehr dazu: [www.avk-tv.de](http://www.avk-tv.de)

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#### **About AVK**

The AVK - Industrievereinigung Verstärkte Kunststoffe e. V. is the German trade association for fiber-reinforced plastics/composites and represents the interests of producers and processors at national and European level.

The range of services includes specialist working groups, seminars and conferences as well as the provision of market-relevant information.

Nationally, the AVK is one of the four supporting associations of the GKV - Gesamtverband Kunststoffverarbeitende Industrie - and internationally a member of the European composites umbrella organization EuCIA - European Composites Industry Association.

AVK is a founding member of Composites Germany.

Further information about AVK: [www.avk-tv.de](http://www.avk-tv.de)