
Düsseldorf (Germany), 8-15 October 2025

RadiciGroup at K 2025: Innovation and sustainability in partnership with customers

The Group presents its latest new developments in materials for strategic markets and its updated portfolio of lower-environmental-impact solutions.

Focus on metal replacement and high-tech projects developed in close collaboration with customers.

From **8 to 15 October 2025**, RadiciGroup is exhibiting at **K 2025** in Düsseldorf (**Hall 6 – Stand B10**), the world-leading trade fair for the plastics and rubber industry. The Group, a leader in the **manufacture of polyamide polymers and engineering polymers**, is not only proposing innovative products and application solutions, but is also taking the opportunity to dialogue with the global market on key issues such as performance, safety and sustainability.

"Our participation at the K fair highlights RadiciGroup's ability to offer tailor-made materials and services for various industrial sectors, from automotive – with a particular focus on e-mobility – to E&E, water management and consumer and industrial goods," **Erico Spini, global marketing manager of RadiciGroup High Performance Polymers**, pointed out. *"In addition to taking into account the diversity of technical needs and standards related to different contexts, our approach always is to work in close collaboration with our customers until their projects are underway. We leverage our competence, flexibility and global presence to ensure the same level of quality and technical support in every market."*

In the **e-mobility** sector, RadiciGroup plays a key role in the development of innovative and sustainable **materials designed to improve electric vehicle performance and safety**. *"At the fair, we have numerous solutions on display for this continuously evolving market, Mr. Spini continued. "We are showcasing our latest new developments in orange-coloured materials for high-voltage components, which are required to be identified in this way by safety standards. Moreover, we are presenting a range of latest-generation flame-retardant polyamides that are halogen-and-red-phosphorus free and offer noteworthy processing advantages during injection moulding. We have also expanded our offering of flame-retardant, halogen-free PBT products (Radiflam® B) with a version that adds hydrolysis resistance. This expanded range enables us to meet our customers' needs even more effectively. Additionally, for the e-mobility sector, we are sharing the latest data for our new polyamides in the advanced development stage that combine flame retardancy with hydrolysis resistance. These products are important in applications for the thermal management of batteries and power electronic systems."*

Other industries that the Group is spotlighting are:

- › **Photovoltaic**, with a line of red-phosphorus flame-retardant polyamide 66 products (Radiflam® A). We have developed two grades to meet multiple needs: low-temperature impact strength, properties retention in case of prolonged outdoor exposure and a dramatic reduction in the corrosion of metal contacts.
- › **Home appliances**, with halogen-free polyamides exhibiting excellent mechanical characteristics, as well as resistance to hydrolysis, including materials meeting the required standards for appliances operating without supervision (IEC 60335).

On the **sustainability** front, Mr. Spini had this to say: *"We are enhancing both the Bionside® range of materials from renewable sources and the Renycle® range of mechanically recycled materials, so as to include special and high-performance versions, for example, flame-retardant grades. These products are made possible by our precise selection of feedstock and careful recovery process, as demonstrated by an innovative electric vehicle battery module displayed in our stand, which was developed according to ecodesign principles."*

With the objective of continuously making a tangible contribution to the ambitious environmental targets of its customers, RadiciGroup makes available its **Engineering Service** for **metal replacement** projects.

Lightweighting parts – in the automotive industry, but not only – means significantly lowering CO₂ emissions during the entire product life cycle. *"For instance,"* Mr. Spini explained, *"by replacing a die-cast aluminium component with one made of Radilon® A RV500RW (PA66-50% FV), we can achieve a benefit in environmental impact greater than 50% in terms of GWP (kg CO₂ eq./kg)."*

A successful **metal replacement** application presented at the fair is **Genny Zero**, an innovative self-balancing personal transporter, whose total weight was reduced from 110 to 60 kg by replacing metal with polyamide engineering polymers. The end result is a more dynamic, more stable and safer vehicle that is more resistant to multiple stresses. As always, the project was the result of a successful partnership between RadiciGroup and its customers (in this case Acerbis and Genny Factory) who worked side by side during all stages of the process, from design to industrialization.

Mr. Spini concluded: "In an international scenario, where supply and production chains are increasingly more complex and geographically distributed, our global presence – with production and sales sites in Europe, Asia, North America and South America – allows us to work alongside customers worldwide and to consolidate our position in high value-added sectors."

RADICIGROUP PROGRAMME OF EVENTS AT K 2025 (Hall 6 – Stand B10):

Press Conference – 9 October, 12 pm

"Focus on Innovation and Sustainability: a look at our latest successful projects"

with **Erico Spini, Global Marketing Manager, RadiciGroup High Performance Polymers.**

Tech Talk – 10 October, 12 pm

"Solutions for e-mobility with high-performance engineering polymers"

with **Kan Huang, Strategic Marketing & Business Development Manager – China, and Carlo Grassini, Marketing & Technical Service – CAE Service Manager, RadiciGroup High Performance Polymers.**



DISCOVER RADICIGROUP AUTOINSIGHT: NAVIGATING MATERIALS, DRIVING INNOVATION



At the fair, visitors have the opportunity to navigate on RadiciGroup AutoInsight, the digital tool for exploring a car in 3D mode and visualizing all components made of the Group's safe, innovative and sustainable materials. The tool covers six application areas – **interior, exterior, electric vehicles, ICE powertrain, chassis and EE Lighting** – showing the materials used and their distinctive properties for each segment. AutoInsight can be used on all smart devices, such as PCs, tablets and smartphones. Among the main

functions: quickly highlighting RadiciGroup materials and their strengths, saving them as favourites and downloading technical information. AutoInsight can be adapted to every visitor profile by customizing the level of in-depth analysis, based on the user's interests and skills.

RADICIGROUP – With approximately 2,800 employees, sales of €1,048 million in 2024, and a network of production units and sales offices spanning Europe, North and South America, and Asia, RadiciGroup today is a worldwide leader in the manufacture of a vast range of specialty chemicals, polyamides, high performance polymers, and advanced textile solutions, including nylon and polyester yarns, recycled yarn, bio yarns from renewable sources and nonwovens. Its products build on advanced chemical know-how and the vertical integration of the polyamide supply chain. They are developed for applications in a wide variety of industrial sectors, including the Automotive, Electrical/Electronics, Consumer Goods, Apparel, Furnishings, Building, Home Appliances and Sports sectors. Underpinning RadiciGroup's strategy is an overriding commitment to innovation, quality, customer satisfaction, and social and environmental sustainability. With its macro business areas – Specialty Chemicals, High Performance Polymers and Advanced Textile Solutions – RadiciGroup is part of a broader industrial group encompassing textile machinery (ITEMA), energy (GEOGREEN) and the hotel business (SAN MARCO).

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