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Shenzhen (China), 17-20 April 2023

## Innovation and Sustainability are the keywords of RadiciGroup at Chinaplas 2023

### The Group solutions for the e-mobility and the solar industries, booming sectors in China

RadiciGroup, with its **Specialty Chemicals** and **High Performance Polymers** business areas, is taking part in Chinaplas (stand 17 A101), a trade fair dedicated to the plastics and rubber sector which, after a one-year break, will reopen its doors **from 17 to 20 April at the Shenzhen World Exhibition & Convention Center**.

The Chinese market is strategic for the Group, both for the expectations of strong **business growth in the Asian area** and for the possibility of **developing innovative solutions** to be made available on the global market.

*«China leads the way in terms of e-mobility - comments **Erico Spini, Global Marketing Director of RadiciGroup High Performance Polymers** - Thanks to the collaboration with our local customers, we have expanded the range with products particularly suitable for this sector: in particular I refer to flame retardant materials that are usually used for applications that require high mechanical resistance over time, such as frames and battery housings, IGBT supports, bus bar, housings for electronic components and high voltage connectors. We have also collaborated in the development of wireless charging systems, making available our expertise in the selection and design of polyamide-based polymers. Furthermore – adds Spini – we are also working in China on some innovative solutions for the electromagnetic shielding of electric car components, we are testing solutions that we hope to be able to industrialize soon, with a view to making the know-how available to the whole Group acquired».*

In China, too, "**innovation**" is therefore the keyword for entering new markets and applications, together with "**sustainability**": in this direction, RadiciGroup already has consolidated experience in the use of products with recycled content, now known throughout the world with the **Renycle**<sup>®</sup> brand. In addition to this, we already have a range of partially bio-based materials available under the PA610-based Radilon<sup>®</sup> D brand. These materials, in addition to offering excellent technical performance (high chemical resistance, high dimensional stability thanks to lower water absorption, excellent hydrolysis resistance compared to PA6 and PA66), represent an optimal solution for reducing the environmental impact thanks to the **use of material from renewable sources**.

Sustainability is the framework in which the **Specialty Chemicals** business area also works, with a series of proposals ranging from the production of chemical intermediates starting from vegetable raw materials to polymers deriving partially or totally from bio sources.

Another rapidly developing market in China is that of the **solar industry**: flame retardant products (belonging to the Radiflam® family on a PA66 base) are used here with special characteristics that allow them to pass the approval tests envisaged for connectors for **solar panels**.

«The development of products for e-mobility and for the solar energy sector is very strategic here in China – remarks **David Qi, Strategy Marketing & Business Development Manager of RadiciGroup High Performance Polymers** – The continuous exchange of skills and experiences with the colleagues present in other countries it allows us to face many new challenges and to work on innovative and sustainable projects specific for the local market. Furthermore, thanks to the availability of qualified people in Research & Development and technical assistance, we are able to be proactive and quick in finding solutions to local needs».

These and other topics will be discussed during two "technical meetings" directly at RadiciGroup booth (stand 17 A101):

- › 17 April 2023 - 14:30 - 15:30 pm Speech: *Material Solutions to New Energy Vehicle & High Voltage Components and Electromagnetic shielding (EMC)*
- › 18 April 2023 - 10:30 - 11:30 am Speech: *Material Solutions to Global Warming Potential (GWP) and to Solar Photovoltaic Industry and Applications.*

Speaker: **David Qi, Strategy Marketing & Business Development Manager, RadiciGroup High Performance Polymers**

Customers and Journalists are welcome.

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**RADICIGROUP** – With approximately 3,000 employees, sales revenue of EUR 1,542 million in 2022 and a network of production and sales sites located throughout Europe, North America, South America and Asia, RadiciGroup is one of the world's leading producers of a wide range of chemical intermediates, polyamide polymers, high performance engineering polymers and advanced textile solutions, including nylon yarn, polyester yarn, yarn made from recovered and bio-source materials, nonwovens and personal protective equipment for the healthcare field. These products are the result of the Group's outstanding chemical expertise and vertically integrated polyamide production chain and have been developed for use in a variety of industrial sectors, such as: automotive – electrical and electronics – consumer goods – apparel – furnishings – construction – household appliances – sports. The basis of the Group's strategy is a strong focus on innovation, quality, customer satisfaction and social and environmental sustainability. With its business areas – Specialty Chemicals, High Performance Polymers and Advanced Textile Solutions –, RadiciGroup is part of a larger industrial group that also includes textile machinery (ITEMA), energy (GEOGREEN) and hotel (SAN MARCO) businesses

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