

Milan, 5-8 September 2023

RadiciGroup: innovative, safe and sustainable offering on display at Plast Tailor-made solutions for successful projects in every industry sector

RadiciGroup High Performance Polymers is present at **Plast 2023**, taking place from 5 to 8 September at the Milano Rho fairgrounds. In the exhibition centre (**Hall 9, Stand B21-C22**), the Group is showcasing innovative solutions for numerous application sectors, from **automotive** and **e-mobility** to **electrical/electronics**, **water management** and **consumer and industrial goods**.

The ecological transition is central to RadiciGroup's research and development strategy: this is why the Group – with its **vertically integrated polyamide production** and over 40 years' experience as a manufacturer of **engineering polymers** – is at the forefront expanding its solutions portfolio to meet the demand for **sustainability and circularity**, combined with **performance and safety**.

*"The Group is committed on three main fronts," stressed **Erico Spini, global marketing director of RadiciGroup High Performance Polymers**, "namely, the production of materials with superior technical characteristics for **metal replacement** and component lightweighting; the **mechanical recycling of materials from pre- and post-consumer sources** to make the best use of resources in line with the circular economy; and the use of **biobased raw materials** coming from renewable sources. These are the everyday challenges that we are able to tackle thanks to the competence of our people and our experience acquired in countless sectors and geographical markets. At the fair, we are presenting several case histories of finished products achieved in collaboration with our customers, where our materials have made the difference in technical and environmental performance. We are highlighting an innovative example of metal replacement, an e-bike rear swing arm developed with Acerbis and Fantic; an office chair manufactured by Bock using Renycle® recycled polyamide; and an electric car charging cable plug and socket made by Gewiss, again with Renycle®".*

These projects were developed and carried out with the support of the RadiciGroup High Performance Polymers **Engineering Service**, an internal service made available to customers. The experience of the Group's specialists and the most advanced computer numerical simulation systems enable the prediction of part behaviour in the earliest stages of development, so as to optimize their design, while taking into account ecodesign and environmental performance.

*“Our Engineering Service,” Mr. Spini continued, “is also essential for the development of innovative solutions for e-mobility, a fast-moving sector with enormous growth potential. Here, product lightweighting and safety are the key drivers guiding the Group in setting out new proposals. In an electric car, the thermal management system is much more complex than in a traditional car and is made up of about double the number of parts. Among these, the coolant lines are very important and have to pass specific tests, such as resistance to road salt. To make the coolant pipes as well as other parts, our **partially biobased materials**, including polyamide 610, are especially suitable; biobased products can also be used for many other components in various electric car sections, such as the powertrain, interior, chassis and more”.*

For more in depth information on all of RadiciGroup’s new products and proposals, a press conference entitled **“RadiciGroup, innovation and sustainability partner: tailor-made solutions for successful projects in every industry sector”** is scheduled on **6 September at 2:30 pm** at the RadiciGroup stand (**Hall 9, Stand B21-C22**).

RADICIGROUP – With approximately 3,000 employees, sales of €1,543 billion in 2022, 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, nonwovens, and personal protection equipment for the healthcare and manufacturing sectors. 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 industry sectors, including the Automotive, Electrical/Electronic, Consumer Goods, Apparel, Furnishings, Building, Home Appliances and Sports sectors. Underpinning the 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).

RADICIGROUP PRESS OFFICE

Marisa Carrara

marisa.carrara@radicigroup.com

+ 39 345 9148892

WWW.RADICIGROUP.COM

