



Friedrichshafen (Germany), 12-16 October 2021

At Fakuma, sustainability on stage

RadiciGroup launches its new Renycle® range, engineering polymers originating from pre- and post-consumer recycle with high environmental performance

Four keywords – **safety, reliability, quality and traceability** – represent the new **sustainable offering from RadiciGroup High Performance Polymers**. A specialist in the manufacture of engineering polymers from recovered materials for over 40 years, the RadiciGroup business area is launching its **new brand Renycle®** at **Fakuma (Stand A1-1106)**. The Renycle® PA6 and PA66 products include a variable percentage of post-industrial and post-consumer recycled polymers, which are the result of careful selection from incoming raw materials and advanced mechanical characterization.

“At RadiciGroup every production scrap has always become a new resource,” **Erico Spini, global marketing manager of RadiciGroup High Performance Polymers**, stressed.

“We have years of experience in sorting the diverse materials and selecting the best road forward to give them a second life. We have developed a production process that precisely monitors the selection and treatment of raw materials to optimize the characteristics and variability of the end products. Moreover, in recent years, we have taken part in circular economy projects, such as CarE-Service, which has allowed us to acquire skills in post-consumer recycling, as well.”

“This is why we are launching Renycle® at Fakuma,” Mr. Spini continued. *“This brand signifies our sustainability offering, in terms of both the characterization of products from the viewpoint of the properties (mechanical, chemical, physical, electrical, etc.) typically required for construction materials and the reduction of environmental impact compared to products made of 100% virgin polymer (LCA comparison).”*

The Renycle® brand stands for the readiness of RadiciGroup High Performance Polymers (HPP) to undertake **new challenges linked to sustainability**, while, at the same time, ensuring **product safety and traceability**, as required by more and more stringent laws and regulations.

The new HPP Renycle® products bear the same brand name already used by the Group's textiles business area to identify nylon yarn made from recovered materials. Thus, RadiciGroup has broadened its sustainable portfolio and become a more valuable **partner for customers who want to lower the environmental impact of their finished products** and are **committed to make choices that respect the environment**, also in light of a legislative context that is increasingly promoting the recycling and reuse of materials now considered to be waste (end-of-life materials).

“Renycle® products,” Mr. Spini concluded, “are suitable for applications in all RadiciGroup High Performance Polymers’ target markets: automotive, e-mobility, electrical/ electronics, industrial and consumer goods. In the new range, we also have a glass-fibre-filled flame retardant product that is halogen- and red phosphorous-free and a material resistant to engine cooling fluid for the automotive sector.”

Currently, the post-consumer-based products are available only for the European market.

At the trade show, the **RadiciGroup Specialty Chemicals Business Area** is also exhibiting its wide offering of polyamide 6, 6.6, 610 and 6.12 polymers and polymers from recovered materials.

RADICIGROUP – With approximately 3,000 employees, sales revenue of EUR 1,019 million in 2020 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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