



PERFORMANCE PLASTICS PRESS RELEASE

Arese (Milan), 18-19 April 2018

Smart Plastics: focus on high performance polymer materials

RadiciGroup delivers solutions in step with the trends in the automotive industry and the changes in health and safety law.

Performance, safety and lower cost: these are the key words that guide the RadiciGroup **Performance Plastics Business Area** in the development of new polyamide engineering plastics for automotive applications. The **automotive** industry needs versatile high performance products addressing a variety of requirements, but always in conformance with the increasingly more stringent parameters for safety and CO₂ emission reduction.

This is RadiciGroup's motivation for sponsoring **Smart Plastics 2018**, an event wholly dedicated to high performance polymers and taking place at the highly prestigious Museo Storico Alfa Romeo [Alfa Romeo History Museum] in Arese, Italy. The Smart Plastics forum is an opportunity for participants to exchange ideas on the state of the art of engineering plastics and composites: their applications, design and processing technologies.

In his presentation on 19 April, **Erico Spini, marketing and application development director Europe of RadiciGroup Performance Plastics**, said: *"During the last 10 years, our Research & Development team has been working on a path of continual 'evolution', which has led to the expansion of our range of engineering plastics, with the addition of new products and brands – from PA 6.6 Radilon® HHR to PA 6 and PA 6.6 Radistrong®, as well as the more recent entries, PPA Radilon® Aestus T and PPS Raditeck® P. Our goal has always been to give the best possible response to market stimuli, particularly in the fields of metal replacement and improved chemical and high temperature resistance."*

“**Metal replacement**” and “**Lightweight**” (two of the four sections of Smart Plastics 2018) are among the main areas of development at RadiciGroup, together with innovative products for **vehicle interior design**, an R&D field where performance must go hand-in-hand with aesthetics. On all projects, RadiciGroup works in close collaboration with its customers, so as to meet any special need.

The **Performance Plastics Business Area** wants to make a contribution to reducing the environmental impact of vehicles, by delivering, for instance, EPD-certified materials specifically designed for electric and hybrid vehicles, custom products for battery system management components in electric and hybrid vehicles, and performance-enhancing products for internal combustion engine fuel systems.

“Among the services we provide our customers,” Mr. Spini concluded, “is modelling using advanced computational systems, which allows us to assess beforehand the feasibility of metal replacement projects and understand the actual performance of the products before they are actually used to manufacture any specific part. This technique is essential to save time and resources.”

During the two-day event, RadiciGroup Performance Plastics is exhibiting at **stand (18)**, where visitors can see parts made with its engineering plastics.

RADICIGROUP – With approximately 3,000 employees, sales revenue of EUR 946 million in 2016 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, engineering plastics, synthetic fibres and nonwovens. These products – the result of the Group’s outstanding chemical expertise and vertically integrated polyamide production chain – 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, Performance Plastics and Synthetic Fibres & Nonwovens** (Performance Yarn, Comfort Fibres and Extrusion Yarn), RadiciGroup is part of a larger industrial group that also includes textile machinery (ITEMA), energy (GEOGREEN) and hotel (SAN MARCO) businesses.
