PRESS RELEASE

English Version

Shanghai, 18 - 21 April 2012

For immediate release

RadiciGroup at Chinaplas: focus on automotive solutions.

After NPE, the RadiciGroup automotive product range arrives in Shanghai for CHINAPLAS 2012, the 26th Annual Exhibition on the Plastics and Rubber Industries, to be held from 18 to 21 April. Innovation, reduced environmental footprint, high performance and quality are the trademarks of RadiciGroup products.

Among the leading products:

- **RADILON® A HHR (*HIGH HEAT RESISTANT*)**: PA66 engineering plastics with exceptional heat resistance to ageing in air at temperatures of up to 210°C.
- **RADILON® D**: PA610 engineering plastics, 60% made of biological polymers, for injection moulding and extrusion.
- **RADILON® A RV500 RW 339 and RADILON® S URV**: PA6 and PA66 engineering plastics for use as metal and thermosetting material replacements.
- **RADILON® A RV300 HRG 3900 NER and RADILON® A GF300 RKC NER**: glycol-resistant PA66 engineering plastics.

Other products at the trade show:

- **RADIFLAM® S, RADIFLAM® A and RADIFLAM® B**: flame-retardant PA6, PA66 and PBT products for injection moulding and extrusion.
- **HERAFLEX® E**: thermoplastic elastomers (TPC-ET) for injection moulding.

RadiciGroup Plastics has been operating on the Chinese market since 2003, when it opened a sales unit, followed by the **Radici Plastics Suzhou Co., Ltd.** production unit in 2007. At Chinaplas, RadiciGroup Plastics is exhibiting some of its latest solutions for the automotive industry. The spotlight is on the leading **Radilon®** PA6, PA66 and PA610 engineering plastics – materials offering high performance and reduced environmental impact. These characteristics make them a winning solution for the manufacture of difficult-to-engineer parts like under-the-bonnet components and for the replacement of metals, or, as in the case of Radilon® PA610, the replacement of high environmental impact plastics used in applications such as pneumatic conduits, brake lines and fuel lines. Focus will also be on **Radiflam®** nylon and PBT flame-retardant materials and **Heraflex®** thermoplastic elastomers.

"The products showcased at Chinaplas were specifically developed for the automotive industry, which is of central importance to us," **Edi Degasperi**, *CEO of Radici Plastics (Suzhou) Co., Ltd,* said. "In spite of the difficult conditions created by a sudden drop in export volumes, particularly to Europe, and a slowdown in the domestic demand growth rate, the Chinese auto industry remains the top manufacturer in the world in numbers of cars sold. After a 32% surge in 2010, in 2011 the Chinese auto market experienced a marked slowdown, but we are still talking about over 18 million vehicles produced. Overall, Asia has been the driving force behind the recovery in the auto sector, producing 40.6 million units compared to 21.1 million in Europe and 17.8 million in the Americas. China is the largest market in the world for nylon (500 thousand tons/year), as well as for engineering plastics in general."

"In the past year," Degasperi continued, "Radici Plastics Suzhou has grown by more than 25% in terms of volumes, compared to 2010. This high growth rate, which has remained constant through the years from 2007 to the present, led us to move to a new and larger headquarters, also located in Suzhou, which became operational at the beginning of January 2012. The new company site extends over more than 26,000 square meters, including 10,000 square meters of covered area that comprises three buildings, housing offices, production and warehousing. Moreover, the layout of the new facility allows us to operate more efficiently and makes it easier and faster to expand production capacity. Radici Plastics Suzhou manufactures and supplies goods locally to both Chinese customers and global partners who have production units in China. We have a strong presence in industries such as electrical/electronics, industrial and, especially during the last two years, automotive – a sector in which we have over 250 automotive source approvals from both European and American original equipment manufacturers. We are also advancing and developing new projects aimed at widening our product lines: nylon 6 and 66 engineering polymers and copolymers, PBTs, thermoplastic elastomers and acetal co-polymers. We have in place a product development network closely tied to our Italy-based R&D group, which enables us to come up with the most efficient, high-performance solutions quickly. At Chinaplas, we are going to focus primarily on our latest automotive developments by showcasing the leading products of our Radilon® range. We are also exhibiting our flame-retardant Radiflam® products for moulding and extrusion. As in previous years, we anticipate good attendance at this important trade show, now in its 26th edition."

FRONT AND CENTRE AT CHINAPLAS…

RADILON® A HHR (*HIGH HEAT RESISTANT*)…

PA66 engineering plastics with exceptional heat resistance to ageing in air at temperatures of up to 210°C.

- **Main applications: intercooler trays, turbo ducts and manifolds, resonators.**

At CHINAPLAS 2012 the spotlight will be on **RADILON® A BMV200 HHR 3800 NER** high-performance blow-moulding materials**,** 20% glass-fibre-filled PA66 engineering plastics with properties that make them ideal for applications such as turbo ducts (hot side), and **RADILON® A BMV150 HHR 3800 NER**, 15% glass-fibre-filled PA66 plastics with excellent heat resistance. Among the moulding products showcased are **RADILON® A RV350 HHR 3800 NER** 35% glass-fibre-filled PA66 engineering plastics specifically developed for the automotive industry for applications such as intercooler trays, turbo ducts and resonators.

RADILON® D…

A line of PA610 engineering plastics, 60% made of biological polymers, for injection moulding and extrusion.

- **Main applications: fuel line connectors, pneumatic conduits, brake lines, fuel lines.**

Compared to polyamides 6 and 66, RADILON® D materials show reduced moisture uptake and less loss of tensile strength and tensile modulus under wet conditions, better chemical resistance in contact with zinc chloride and calcium chloride solutions and, lastly, better glycol resistance. These RADILON® materials are ideal for applications such as fuel line connectors, pneumatic conduits, brake lines and fuel lines.

RADILON® A RV500 RW 339

50%-glass-fibre-filled PA66 engineering plastics ideal as metal and thermosetting material replacements.

- **Main applications: engine mounts, gearbox housings.**

Compared to traditional PA66 engineering plastics, RADILON® A RV500 RW 339 materials ensure higher tensile strength and deformation at break, higher tensile strength and deformation at break in the presence of joint lines, and greater impact resistance under both wet and dry conditions.

RADILON® S URV

High-fluidity PA6 engineering plastics – 50%- and 60%-filled versions – ideal for structural components that were once made of metal.

- **MAIN applications: car seat frames.**

RADILON® A RV300 HRG 3900 NER
RADILON® A GF300 RKC NER

Glycol-resistant 30%-glass-fibre-filled PA66 engineering plastics.

- **MAIN applications: radiator tanks, thermostat housings, fittings.**

In producing the RADILON® A RV300 HRG 3900 NER line, both the polymer and compound have been optimized in order to maximize the glycol resistance properties. Some of the features of these materials are excellent mechanical properties (modulus and load), excellent impact strength, good processability and mouldability, and good wear and fatigue resistance even at high temperatures.

RADILON® A GF300 RKC NER materials are characterized by high content of recycled polyamides coming from a controlled source, superior mechanical properties and excellent reliability. These low environmental impact RadiciGroup products are ideal for critical automotive components.

During CHINAPLAS, RadiciGroup Plastics is also presenting the **RADIFLAM® S**, **RADIFLAM® A and RADIFLAM® B** PA6, PA66 and PBT flame-retardant lines for injection moulding and extrusion and **HERAFLEX® E** thermoplastic elastomers (TPC-ET) for injection moulding.

FOR MORE INFORMATION:
Edi Degasperi, *CEO of Radici Plastics (Suzhou) Co., Ltd* – *edi.degasperi@radicigroup.com*

RADICIGROUP PRESS CONFERENCE

Thursday, 19 April, 11:30 AM, Stand M51 - Hall N1. RadiciGroup is holding a press conference on the topic: ***Special New Polyamides for the Challenges of Today and Tomorrow.*** Speaker: Erico Spini, *Marketing&Application Development Director of RadiciGroup Plastics*.

RADICIGROUP PLASTICS PRODUCT RANGE…

RadiciGroup Plastics products are used in applications not only in the automotive industry but also in the electrical/electronics, industrial and consumer goods sectors.

PA6, PA66, PA610 and PA612 engineering polymers and copolymers

PA6, PA66 and PBT flame retardants

PBT

PA6 and PA66 green products

POM

TPEs

IN THE PLASTICS INDUSTRY RadiciGroup is one of the most highly regarded manufacturers of polyamide and polyester engineering plastics. With six plants strategically located in Italy, Brazil, the United States, Germany and China, RadiciGroup Plastics offers processing, quality control, research and development, and technological development support. A network of sales units – with a strong presence in Italy, Germany, France, Spain, Great Britain, the USA, Brazil, China and India – makes RadiciGroup Plastics a truly global organization, capable of meeting the needs of its customers worldwide on a timely basis._***WWW.RADICIGROUP.COM/PLASTICS***

RADICIGROUP_3,500 employees. Production and sales sites in Europe, North America, South America and Asia. Diversified businesses focusing on chemicals, plastics and synthetic fibres. Know-how. Vertically integrated nylon production. Constant commitment to guaranteeing its customers quality, sustainable innovation and reliability. All this is RadiciGroup, a leader in nylon chemicals. RadiciGroup products are used in applications such as apparel, sports, furnishings, automotive, electrical/electronics, household appliances and consumer goods._***WWW.RADICIGROUP.COM*** RadiciGroup, with its Chemicals, Plastics and Synthetic Fibres Business Areas controlled by parent company Radici Partecipazioni SpA, is part of a larger industrial group that also includes textile machinery and energy businesses._***WWW.RADICI.COM***

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新闻发布会

Chinese Version

现场发布 - **上海，2012,4 月 18-21**

兰蒂奇集团新闻发布会

4 月 19 日：上午 11:30，N1 厅，M51 展位

本次 Chinaplas 兰蒂奇集团焦点：集中在汽车行业的解决方案

在 NPE 之后，兰蒂奇集团的汽车产品来到了 2012 年的 Chinaplas----------从 4 月 18 日到 21 日举行的第 26 届橡塑行业的年度盛会。创新、低碳、高性能和质量是兰蒂奇产品的标志。

最新的产品

- **RADILON® A HHR (*高耐热级*)**: 在空气温度高达 210C 的环境下具有杰出的耐热老化性能的 PA66 工程塑料
- **RADILON® D**: PA610 工程塑料，其中 60%原材料来源于生物材料，适合注塑和挤出成型
- **RADILON® A RV500 RW 339 and RADILON® S URV**: 用来替代金属和热固性材料的 PA6 和 PA66 工程塑料
- **RADILON® A RV300 HRG 3900 NER and RADILON® A GF300 RKC NER**:耐乙二醇的 PA66 工程塑料

本次展出的其它产品

- **RADIFLAM® S, RADIFLAM® A and RADIFLAM® B**: PA6，PA66 和 PBT 材料的阻燃产品，适合注塑和挤出成型
- **HERAFLEX® E**: 聚酯型热塑性弹性体，适合注塑成型。

兰蒂奇工程塑料在 2003 年进入中国并开设了销售办事处，紧接着在 2007 年我们成了了兰蒂奇工程塑料苏州工厂。在此次 Chinaplas 上，兰蒂奇工程塑料将展出应对汽车行业的最新解决方案。其中亮点在于最新的 RADILON PA6，PA66 以及 PA610 工程塑料，其特点在于高性能和低环境影响。这些特征使得它们优先被用于发动机罩盖下的零部件以及金属替代；而就 RADILON PA610 而言，可以取代高环境影响的材料用于诸如气动管、刹车管以及油管等部件。同时 RADIFLAM 尼龙和 PBT 阻燃材料以及 Hereflex 热塑性弹性体也是本次展出的重点。

本次 Chinaplas 上展出的产品是为汽车行业量身打造的，这是我们的核心价值所在，**Edi Degasperi**，兰蒂奇工程塑料（苏州）有限公司的 CEO 说到。尽管受出口突然下降 （特别是向欧洲）的负面影响以及国内增长速率的下降，中国汽车行业的销售量仍然保持着全球领先。在经历了 2010 的 32%的爆发式增长后，在 2011 年中国汽车市场经历了一个显著的下滑，但是仍然生产了 1800 万辆车。总之，同欧洲的 2100 万辆车以及美洲的 1780 万辆车相比，亚洲生产了 4060 万辆车，是汽车行业恢复的推动力。

在过去的一年里，Degasperi 接着说，同 2010 年相比，我们兰蒂奇工程塑料苏州工厂的销售额取得了 25%的增长。而自从 2007 年至今，我们一直保持着这么高的增长速度，这使得我们能够在 2012 年一月份搬入同样位于苏州的一个新的更大的工厂。新工厂占地面积 26000 平方米，建筑面积 10000 平方米，包括办公区，生产区以及仓库三栋建筑。此外，新工厂的设施使得我们运营更加有效，并且可以很快很方便的扩产我们的产能。兰蒂奇工程塑料苏州工厂为中国的客户以及在中国有生产基地的全球合作伙伴提供本地化生产的产品。我们产品主要涉足电子电器行业，工业品行业；而在过去两年里，我们在汽车行业发展迅速，我们拥有包括欧美主机厂在内超过 250 项的原材料认证。同时，我们也在不断开发扩产我们的产品线：尼龙 6 和 66 工程塑料及其共聚物，PBT，热塑性弹性体以及聚甲醛共聚物。我们已经构建了一个紧密围着这意大利研发中心的开发网络，

这可以使得我们可以迅速提供最有效的、高性能的解决方案。在 Chinaplas 上，我们将通过展出我们 RADILON 系列最新的产品来展示我们在汽车行业的最新进展。同时，我们也将展出可以注塑成型和挤出成型的 RADIFLAM 阻燃产品。现在在第 26 届展会上，我们预计会有非常多的观众莅临这个重要的展会，就像去年一样。

在 Chinaplas 的前面和中间

高耐热级

在空气温度高达 210C 的环境下具有杰出的耐热老化性能的 PA66 工程塑料

- **主要应用：中冷器托盘、涡轮进气管，谐振器**

在 NPE2012 上，一大亮点是 RADILON A BMV200 HHR 3800 NER：这是一种 20%玻纤增强的吹塑级别的高性能 PA66 工程塑料，是涡轮进气管（热端）材料的理想选择；另外一个是 RADILON A BMV150 HHR 3800 NER：这是 15%玻纤增强的具有杰出耐热性能的 PA66 工程塑料。在 NPE2012 上展出的注塑级产品是 RADILON A RV350 HHR 3800 NER：这是一款 35%玻纤增强的 PA66 工程塑料，是专门为汽车行业应用而开发的，如中冷器托盘、涡轮进气管以及谐振器。

RADILON® D…

PA610 产品线，其中 60%原材料来源于生物材料，适合注塑和挤出成型。

- **主要应用：油管接头、气动管、刹车管以及油管**

与 PA6 和 PA66 相比，RADILON D 类材料在潮湿的环境中吸水性更低，所以其拉伸强度和拉伸模量受吸水影响损失更小；在接触氯化锌和氯化钙溶液时，也具备更好的耐化学性；最后还具备更好的耐乙二醇性能。RADILON D 类材料是如油管接头、气动管、刹车管以及油管等应用的理想选择。

RADILON® A RV500 RW 339

50%玻纤增强的 PA6 和 PA66 类工程塑料，是替代金属和热固性材料的理想选择

- **主要应用：发动机悬置、齿轮箱外壳**

与传统的 PA66 工程塑料相比，RADILON A RV500 RW 339 材料具有更高的拉伸断裂强度以及断裂伸长率，在存在熔接线时也同样如此；在干态和湿态条件下都具有更高的耐冲击性能。

RADILON® S URV

高流动的 PA6 工程塑料-50%和 60%增强的等级-是替代金属结构件的理想选择。

- **主要应用：汽车座椅支架**

RADILON® A RV300 HRG 3900 NER
RADILON® A GF300 RKC NER

30%玻纤增强的，耐乙二醇的 PA66 工程塑料

- **主要应用：散热器水箱、节温器外壳、接头**

在生产 RADILON A RV300 HRG 3900 NER 时，不管是聚合物基材还是最终的产品，我们都对其进行了最优化处理以最大限度的提高其耐乙二醇的性能。这种材料的主要特点有：优异的力学性能（负载下）、杰出的耐冲击性能、良好的加工成型性以及即时在高温下也具备显著的耐磨和耐疲劳性能。

RADILON A GF300 RKC NER 的特点在于其含有高含量的可控制来源的再生聚酰胺材料，其具有优异的力学性能和杰出的可靠度。这种环境友好型产品是一些关键汽车零部件的最佳选择。

在 CHINAPLAS 上，兰蒂奇塑料同时推出了 RADIFLAM S (PA6)，RADIFLAM A (PA66)以及 RADFILAM B(PBT)的阻燃等级材料，适合注塑和挤出成型；同时推出了适合注塑成型的聚酯型热塑性弹性体 HERAFLEX E（TPC-ET）.

更多信息:

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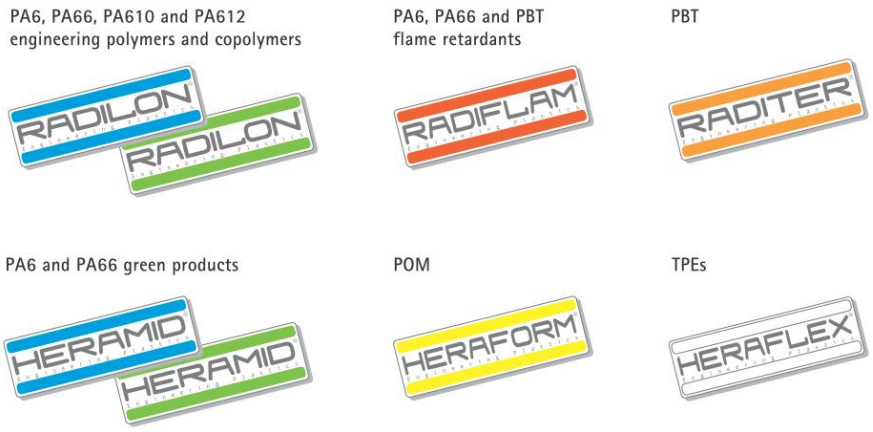
兰蒂奇塑料产品线：

兰蒂奇塑料产品不仅应用在汽车领域，同时应用在电子电器、工业品以及消费品等多重领域。



在塑料领域，兰蒂奇集团是最富盛名的聚酰胺和聚酯工程塑料的制造商。在意大利，巴西，美国，德国和中国，兰蒂奇塑料拥有 6 家工厂，为全球客户提供生产，质量控制，研发以及技术支持。 销售网络遍布意大利、德国、法国、西班牙、英国、美国、巴西、中国以及印度，使得兰蒂奇塑料成为真正意义上的全球化组织，能够为全球范围内的客户提供及时的服务和支持 ***WWW.RADICIGROUP.COM/PLASTICS***

兰蒂奇集团具有 3500 名员工，生产和销售遍布欧洲，北美，南美以及亚洲。多元化的业务主要包括：化学品，塑料和合成纤维。垂直整合的尼龙生产的专家。一直对客户承诺：质量，持续的创新和可靠性。所有的这些就是兰蒂奇集团，尼龙化学品行业的领导者。兰蒂奇集团的产品应用在服装、运动、家具、汽车、电子电器、厨卫以及消费品领域。WWW.RADICIGROUP.COM。兰蒂奇集团，以及他的化学品，塑料以及合成纤维业务都是受控于其母公司兰蒂奇投资公司----一个业务还包括纺织机械和能源更大的集团公司。

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