



PRESS RELEASE

Gandhinagar, Gujarat / 5 –10 February 2015
COME AND VISIT US: Hall 10R - Stand F10

RadiciGroup at Plastindia 2015: focus on nylon specialities

■ RadiciGroup is back at Plastindia, one of the most significant international trade exhibitions for the plastics industry. This event, to be held at the Gandhinagar fairgrounds in Gujarat State, is expected to bring together 150,000 visitors and over 2,000 exhibitors from 40 nations.

■ At Plastindia 2015, the RadiciGroup Plastics Business Area – present in India since 2006 with Radici Plastics Modi (P) Ltd – is showcasing its range of engineering plastics with a special focus on nylon specialities:



RADILON® High Heat Resistant (HHR) and new RADILON® XTreme engineering plastics specialities with improved heat resistance



RADILON® DT PA6.12 and RADILON® D PA6.10 long-chain polyamides

RADISTRONG® PA6 and PA6.6 long-fibre specialities ideal for metal replacement

RADICIGROUP PRESS CONFERENCE – The meeting is scheduled on Friday, **6 February, at 11:00 AM at stand F10, Hall 10R**. Erico Spini, *marketing & application development director of RadiciGroup Plastics*, is giving a talk entitled: *Radici Plastics: innovation and wide range of materials in a global context*.

It's the fourth appearance at Plastindia for RadiciGroup, which has been present on the Indian market since 2006 with Radici Plastics Modi (P) Ltd. At the event, RadiciGroup's focus is going to be on RADILON® and RADISTRONG® nylon specialities. Now in its 9th edition, Plastindia is one of the most important international exhibitions for the plastics industry, which is expected to achieve strong growth in this Asian country. According to a post by [Plastindia Foundation](#), between 2013 and 2020, plastics consumption in India is set to increase from 12 million tons to 20 million tons, and during the same time period, plastics

processing machines will increase from 110,000 to 180,000 units. “Among the emerging countries, India plays a very significant role for our business area,” said **Silvio Dorati**, *managing director India of the RadiciGroup Plastics Business Area*. “What we are talking about here is a region where the domestic plastics demand growth rate is going to be about 6% over the next few years and industries experiencing strong growth, such as automotive, electrical/electronics, construction and infrastructure, are going to become ever more exciting for our engineering plastics business. We have good room for market development, for both our basic products and for our latest nylon specialities.”

“Since 2013, after moving Radici Plastics Modi to Lajpat Nagar, South Delhi, New Delhi,” Mr. Dorati continued, “we have been working on starting up our strategically important local production, for now only through a local toll compounder, which is producing for us. But this is just a first crucial step that should enable us to grow on the Indian market from within. Sometime in the future, either through an acquisition or by creating a start-up company, we intend to set up our own independent production activity”.

WHAT IS RADICIGROUP FOCUSING ON AT PLASTINDIA? RADILON® High Heat Resistant (HHR) and new RADILON® XTreme engineering plastics specialities with improved heat resistance, RADISTRONG® PA6 and PA6.6 long-fibre specialities suitable for metal replacement, and RADILON® DT PA6.12 and RADILON® D PA6.10 long-chain polyamides.

RADILON®

RADILON® HHR and RADILON® XTreme: developed to resist high temperatures

RADILON® HHRs are nylon 6.6 engineering polymers featuring excellent high-heat ageing resistance at air temperatures of up to 210°C. They are suitable for injection and blow moulding and are available in several glass-fibre-filled versions (from 15% to 50%). They can be used as metal or special polymer (*PPS, PPA, PA46*) replacements and can withstand prolonged thermal stress with minimal mechanical property degradation, thus ensuring the functionality of the components. With the introduction of new **RADILON® XTreme**, RadiciGroup high-heat resistant nylon specialities can now reach higher performance levels. **RADILON® XTreme** products were developed for hot-air applications at continuous operating temperatures of up to **230°C** and are mainly used in **automotive applications** (turbo air ducts, EGR head exchanger components and resonators) and **electrical applications**.

RADILON® D AND RADILON® DT: nylon 6.10 and 6.12 engineering plastics...

RADILON® Ds, RadiciGroup's low-environmental-impact engineering plastics, are produced from PA.6.10, a biopolymer obtained from sebacic acid (64% by weight). Sebacic acid is a product of natural origin extracted from the seeds of the castor oil plant, which is grown mainly in India and China in semi-arid regions and, for this reason, does not compete with agricultural food products. RADILON® Ds ensure a high level of sustainability, as well as excellent performance. These RadiciGroup PA6.10 polyamides reduce environmental impact, while featuring properties that are the equivalent of, if not superior to, those of traditional polyamides. These products are ideal for injection and extrusion moulding.

RADILON® DTs are PA6.12 polyamides featuring high impact strength, good heat-ageing resistance and exceptional chemical resistance, even to salts such as zinc chloride and calcium chloride, and are ideal for automotive and industrial applications. Furthermore, RADILON® DTs ensure good hydrolysis resistance, exceptional resistance to cracking stress, even in contact zones between conduit and fittings, and good dimensional stability, thanks to low moisture absorption.

RADISTRONG®

Plastindia: a showcase for RADISTRONG®, one of the most significant innovative products introduced by RadiciGroup Plastics.

RADISTRONG® specialities are available in nylon 6 and 6.6 versions and, due to their characteristics, are ideal for metal replacement in critical applications (with high operating temperatures or mechanical and thermal stress for long periods of time), where high performance not attainable by traditional engineering plastics is required.

The RADISTRONG® long-fibre specialities are available with from 20% to 60% glass-fibre or carbon-fibre fill. Application sectors include automotive and household appliances.

For technical information on products:

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IN THE PLASTICS INDUSTRY...

RadiciGroup is one of the most highly regarded manufacturers of polyamide engineering plastics, ideal for applications in industries such as:

AUTOMOTIVE

ELECTRICAL/ELECTRONICS

TECHNICAL / INDUSTRIAL

FURNISHINGS

CONSUMER GOODS

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 – 3,200 employees. Production and sales sites in Europe, North America, South America and Asia. Diversified businesses focusing on chemicals, plastics, synthetic fibres and nonwovens. 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 – FURNISHINGS – AUTOMOTIVE – CONSUMER GOODS – CONSTRUCTION – ELECTRICAL AND ELECTRONICS – HOUSEHOLD APPLIANCES – SPORT. RadiciGroup, with its Chemicals, Plastics, Synthetic Fibres and Nonwovens Business Areas, is part of a larger industrial group that also includes textile machinery and energy businesses.

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