News Release

LANXESS Performance Materials showcases impressive range of high performance plastics at PLASTINDIA 2023

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New Delhi, 1 February 2023 – LANXESS Performance Materials, a leading global joint venture established between LANXESS and Advent International for high-performance engineering polymers is presenting a range of modern and light weight solutions with high-performance plastics for the automotive, two-wheeler and e-mobility industry at PLASTINDIA 2023 from 1st to 5th February. The company is also exhibiting select applications of high-performance plastics in the electronics and electrical industry.

Polyamides and polybutylene terephthalates, reinforced with a glass fiber content of up to 60 percent, are ideal for applications in lightweight construction, which can be attributed to their strength and stiffness. They form a lightweight and economical alternative to sheet molding compounds (SMC) and other reinforced thermosets, as well as to metals like steel, aluminum and die cast zinc. LANXESS Performance Materials, therefore, has been regularly adding new variations to its already wide range of injection molding materials in this segment.

At PLASTINDIA 2023, LANXESS is exhibiting lightweight and sustainable solutions for automobiles such as front-end module structure, air intake hose, engine cover, brake pedal, spare wheel recess, oil module and other parts frequently used by automobile manufacturers. The company is one of the largest suppliers of high performance materials in the field of engineering plastics (Durethan®, Pocan®) both in India and globally. A breakthrough this year, is the application of these materials in both injection molded and blow molded designs in different parts of two wheelers, for example – blow molded single layer polyamide fuel tank. This is the first-of-its-kind application, in which specifically developed Durethan® BC550Z is being used to manufacture the fuel tank of two wheelers matching the stringent norms laid down by Environmental Protection Agency, USA.

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“India is emerging as one of the world’s fastest growing passenger car markets and second largest two-wheeler market in the world. This makes us optimistic about the prospects of our high performance plastics in India and a large platform like PLASTINDIA will only validate the potential. Various new applications are being continuously tested and tried by all large auto manufacturers and this year, the two wheeler industry holds promise too. The compounding facility for Durethan® and Pocan® in Jhagadia, Gujarat is able to address the needs of not just the Indian market but also customers overseas”, said Milan Vignjevic, Director – Sales and Marketing, LANXESS Performance Materials – APAC region.

“Our product portfolio is very comprehensive and robust, including not only a wide range of injection molding engineering plastics, but also blow moldable polyamide materials and extrusion grades, namely, Durethan® and Pocan®, which offer immense design flexibility and weight reduction to automobiles. We have achieved another product innovation in the production of continuous fiber-reinforced thermoplastic composites (TEPEX®). LANXESS subsidiary Bond-Laminates, which manufactures these composites, is now able to continuously series-produce large semi-finished composite products in which the continuous fiber layers can be oriented at almost any conceivable angle, thus allowing customization according to the application needs. These products, together with our excellent technical support can offer next-generation solutions to many of our customers’ design and performance challenges”, added Thomas Babl, Head of the Regional Technical Marketing & Engineering Services, LANXESS Performance Materials – APAC region.

Commenting on the Indian market, Pankaj Khare, Business Head - LANXESS Performance Materials India Private Limited said, “With the support of the government, electric vehicles have started penetrating in the Indian market. LANXESS Performance Materials is perfectly poised to cater to this growing market through its broad portfolio of PA6, PA66 & PBT e-mobility application solutions. We encourage our customers to connect with us for their requirements of

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high performance plastics (including FR compounds) for battery systems and electric power train innovations."

The global compounding network of LANXESS Performance Materials guarantees market and customer proximity. It has a compounding facility at its site in Jhagadia, Gujarat with a capacity of 20,000 metric tonnes. This facility manufactures polyamide and polyester composites reinforced with glass fibers and other fillers, namely products from the Durethan® and Pocan® product range, which in turn, offer benefits for a variety of applications in the automobile, electrical and electronics industries. Interestingly, this facility also has capability to develop and manufacture colored compounds, which helps meet the newer customer requirements in automobile as well as electronics and electrical industries.

The site in Jhagadia is a key manufacturing base for LANXESS Performance Materials globally and has been built to world class standards. The production facilities as well as the utility services at the site ensure safe and environmentally responsible operations.

About LANXESS
LANXESS is a leading specialty chemicals company with sales of EUR 6.1 billion in 2021. The company currently has about 13,200 employees in 33 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

New Delhi, 1 February 2023

Forward-Looking Statements
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Information for editors:
All LANXESS news releases and their accompanying photos can be found at http://press.lanxess.com. Recent photos of the Board of Management and other LANXESS image material are available at http://photos.lanxess.com.

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