

Media Release

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Borealis presence at Pharmapack North America sign of steady commitment to market

Borealis, a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers, announces its participation at Pharmapack North America from June 10-12, 2014. As a showcase for the most innovative technologies in pharmaceutical packaging and drug delivery devices, Pharmapack North America is the ideal opportunity for Borealis to promote its expanded scope of commitment to the North American market. It will highlight new Bormed™ product developments and publicise recent market activities carried out within the framework of its cooperation with Nexeo Solutions.

Pharmapack North America as showcase for new Bormed™ product developments

Borealis continues to deliver new and innovative materials that meet specific North American healthcare market requirements. Returning for the third time to this major event, Borealis representatives will use this opportunity to enter into direct dialogue with customers and promote three newly-developed grades.

"This year, Borealis is expanding its presence at Pharmapack by giving a presentation on innovation and stability in healthcare and pharmaceutical packaging," says Jane Toogood, Borealis Senior Vice President New Business Development. "In addition to demonstrating how North American customers are well served by using the Bormed brand, we will discuss the paradigm shift that is necessary to manage materials destined for use in healthcare applications. We look forward to continuing the dialogue with our North American partners and customers at Pharmapack and beyond."

Three newly-developed grades will be highlighted at Pharmapack 2014:

- Launched at the K 2013 fair in Germany, **Bormed SB815MO** is a step-change innovation in soft polypropylene (PP). It provides unparalleled flexibility, with stiffness levels normally associated with low density polyethylene (LDPE). Parenteral containers can be sterilised

at a higher temperature than standard LDPE material, allowing for up to 50% shorter sterilisation cycle time.

- Developed especially for non-oriented cast film on chill-roll process and blown film on tubular water quenching process, **Bormed SC876CF** will be launched at the end of June 2014. Providing an excellent balance between high toughness and high transparency, even after steam sterilisation at 121°C, this new grade is fully European and U.S. Pharmacopeia compliant. The judicious combination of physical properties allows for a significant reduction of more costly impact modifier in film formulation, as used for example in bags for intravenously-administered drugs. The overall aim is to reduce the share of impact modifier by at least 50%.
- Also launching in June 2014 is **Bormed HJ875MO**, a material produced with a catalyst system that combines high fluidity (MFR 75) with an animal-derivative free, extractable minimising additive package. Developed for use in healthcare applications in which the combination of high fluidity and HC-appropriate production/additives are necessary, this new grade is ideally suited for application in Polymerase Chain Reaction (PCR) plates, multi-well titre plates, pipette tips, and more.

Borealis & Nexeo Solutions: long-standing partnership for mutual growth

The two companies announced their new North American cooperation in October 2012 with the goal of providing targeted, value-added solutions to medical device manufacturing and processing customers in North America.

"Our cooperation in North America extends and builds upon the long-standing partnership we have had in Europe for some time now," explains Jim Harris, Vice President Product Management – Plastics at Nexeo Solutions, LLC. "Since 2012, our shared aim has been to deliver premium products and service levels to the healthcare community in North America. By cooperating at a local level we are able to deliver not only the innovative new products which match the needs of our North American customers, but deliver on our ambitious plans for shared growth."

In addition to the supply security of Bormed grades ensured by Nexeo's distribution network, other joint activities that serve to signal commitment to the North American market include: alignment of marketing activities, joint visits to customers and trade partners, exchange of innovation expertise, and joint presence at trade shows. Pharmapack North America 2014 follows on the heels of a second appearance at another major U.S. event for the medical device industry, MD&M West.

Borealis will be on hand at the Pharmapack North America at the Jacob K. Javits Convention Center in New York, Booth 3438, from June 10-12, 2014.

James Stern, Borealis Application Marketing Manager Healthcare, will hold a presentation titled “New Polyolefins—Addressing the improvement needs of the healthcare industry” during the seminar on "Innovative Ways to Increase Stability in Healthcare and Pharmaceutical Packaging" on June 12, 2014 at 3:20p.m.



Launched at the K 2013 fair in Germany, Bormed SB815MO is a step-change innovation in soft polypropylene (PP). Photo: © Borealis.

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About Borealis Healthcare

Borealis is a leading supplier of innovative products and solutions for the healthcare industry. With more than 30 years of experience, Borealis enables customers to meet their need for high-quality, lightweight and aesthetic products. Borealis focuses on high quality and a long-term commitment in facing today's challenges through its portfolio of dedicated Bormed™ products. The Bormed™ portfolio is constantly growing and comprises polyolefins for medical devices, pharmaceuticals and diagnostic packaging with superior technical performance. Borealis ensures the security of its supply and provides technical support tailored to the specific and stringent requirements of the market.

About Borealis

Borealis is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. This year, Borealis already celebrates its 20th anniversary. With headquarters in Vienna, Austria, Borealis currently employs around 6,400 and operates in over 120 countries. It generated EUR 8.1 billion in sales revenue in 2013. The International Petroleum Investment Company (IPIC) of Abu Dhabi owns 64% of the company, with the remaining 36% owned by OMV, the leading energy group in the European growth belt. Borealis provides services and products to customers around the world in collaboration with Borouge, a joint venture with the Abu Dhabi National Oil Company (ADNOC).

Building on its proprietary Borstar® and Borlink™ technologies and 50 years of experience in polyolefins, Borealis and Borouge support key industries including infrastructure, automotive and advanced packaging.

The Borouge 3 plant expansion in Abu Dhabi will be fully operational in 2014. Borouge 3 will deliver an additional 2.5 million tonnes of capacity when fully ramped up, bringing the total Borouge capacity to 4.5 million tonnes. Borealis and Borouge will then have approximately 8 million tonnes of polyolefin capacity.

Borealis offers a wide range of base chemicals, including melamine, phenol, acetone, ethylene, propylene, butadiene and pygas, servicing a wide range of industries. Together with Borouge the two companies will produce approximately 6 million tonnes of Base Chemicals in 2014.

Borealis also creates real value for the agricultural industry with a large portfolio of fertilizers. The company distributes approximately 2.1 million tonnes per year. This volume will increase to more than 5 million tonnes by the end of 2014.

Borealis and Borouge aim to proactively benefit society by taking on real societal challenges and offering real solutions. Both companies are committed to the principles of Responsible Care®, an initiative to improve safety performance within the chemical industry, and contribute to solve the world's water and sanitation challenges through product innovation and their Water for the World™ programme.

About Nexeo Solutions, LLC

Nexeo Solutions is one of the leading global distributors of prime thermoplastic resins from industry-leading suppliers, such as Borealis, DSM, Mitsubishi and Styron among other world class producers. The company's product portfolio encompasses materials for all prime processes, including injection molding, blow molding, extrusion and rotational molding. Nexeo Solutions offers a broad product line complemented with the ability to provide technical support to aid in design assistance and process optimization. Industry-specific support includes a dedicated automotive and medical team. Learn more at www.nexeosolutions.com.

For more information visit:

www.borealisgroup.com

www.borouge.com

www.waterfortheworld.net

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