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Borealis and Borouge presence at CPhI Worldwide signals continuing commitment to global healthcare customers

Borealis and Borouge, leading providers of innovative, value-creating plastics solutions, announce their participation in this year's CPhI Worldwide in Paris, France in October. Borealis' Healthcare group within the New Business Development organisation will promote their Bormed™ concept with a focus on the recently-launched innovative specialty polypropylene (PP) grades, Bormed™ SC876CF and Bormed™ HJ875MO. The excellent functional properties of these two commercial grades further enhance the appeal of the Bormed polyethylene (PE) and PP grade range for the healthcare industry.

The Bormed Concept: innovating and evolving to anticipate healthcare needs

Following on the heels of the K Fair 2013 launch of Bormed™ SB815MO, this most recent expansion of the Bormed portfolio signals Borealis and Borouge's continuing commitment to providing reliable and global supply, superior service and fulfilment of the most stringent conformance criteria in healthcare products. By combining cutting-edge technological expertise with insights gained through cooperation and feedback from the healthcare market, Borealis and Borouge have developed new Bormed grades accompanied by the dedicated Bormed support package and long-term security of supply.

Bormed SC876CF is a soft, yet tough PP with a flexural modulus of 330 MPa and a melting temperature of 149°C. This EU and US Pharmacopeia-compliant grade:

- Offers excellent thermal and optical stability during and after steam sterilisation cycle
- Provides excellent balance of high toughness at low temperature
- Allows for cost optimisation in polyolefin (PO) film and tubing formulation thanks to potentially significant reduction in the use of impact modifiers (e.g. SEBS)

- Safeguards performance and reliability of pharmaceutical packaging.

The main target applications of Bormed SC876CF are as components for the core layers in co-extruded film structures used in pharmaceutical primary packaging (IV bags, continuous ambulatory peritoneal dialysis pouch systems), secondary packaging and in films for medical device packaging. This new grade has already garnered extensive positive performance feedback from Borealis and Borouge customers around the world.

The recently-launched **Bormed HJ875MO** high-flow PP homopolymer has an MFR (melt flow rate) of 75 and offers good stiffness for moulding applications. Produced using cutting-edge Borealis Sirius Catalyst Technology and without animal derived additives, this EU and US Pharmacopeia-compliant grade is particularly suited for applications requiring low extractables and/or minimum interaction with filling substances such as Polymerase Chain Reaction (PCR) plates, multi-well titre plates, pipette tips and more.

As a step-change innovation in PP, **Bormed SB815MO**, will be showcased in the CPhI Innovation Gallery. The launch of this grade at last year's K-Fair was a prime example of cooperation along the entire value chain, with processing and sterilisation trials carried out in collaboration with Blow-Fill-Seal (BFS) OEMs. When using this grade in BFS applications, the potential reduction in sterilisation time can help reduce the amount of energy consumed.

"We are very excited about the significance of the expanded Bormed portfolio for the Borouge Middle East and Asian markets," states Ahmed Al Mehairi, Vice President Marketing Centre New Business Development, Borouge. "The Bormed concept reflects our commitment to providing truly global supply, service and conformance. We look forward to meeting with partners and customers at the CPhI to promote this exciting family of PP and PE grades."

"We continue to expand our dedicated range of Bormed grades in order to offer our customers even more choice when it comes to functionality and reliability in healthcare applications," explains Jane Toogood, Senior Vice President, New Business Development Borealis. "Our mission to innovate helps us remain at the forefront of healthcare trends."

Borealis and Borouge will be promoting the Bormed Concept and innovative new Bormed grades at the CPhI Worldwide, co-located with ICSE, P-MEC and InnoPack at the Paris Nord Villepinte from 7-9 October 2014 at hall 2, stand 2H37. Visit the Innovation Gallery at the event for more information on the step-change innovation Bormed SB815MO.



Borealis and Borouge are continuing their commitment to global healthcare customers with the launch of the "Because we care" campaign.

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 and Borouge

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.

For more information visit:

www.borealisbecausewecare.com

www.borealisgroup.com

www.borouge.com

www.waterfortheworld.net

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