

Media Release

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Borealis and REHAU accelerate circularity for furniture products with Bornewables™ premium circular polyolefins

- REHAU chooses Borealis' [Bornewables™](#) over conventional polypropylene (PP) for production of their RAUKANTEX evo sustainable edgebands
- Robust and durable, the Bornewables™ boast colour-stable chemistry and flexibility, and are suited for straight and contour processing
- Partnership embodies [EverMinds™](#) approach to unlocking plastics circularity by using innovative and more sustainable material solutions in a variety of industries

Borealis, one of the world's leading providers of advanced and sustainable polyolefin solutions and a European front-runner in polyolefin recycling, and REHAU, a leading supplier of polymer solutions to the automotive, construction, medical, and furniture industries, are advancing circularity in furniture manufacturing through the use of grades from Borealis' [Bornewables™](#) portfolio of premium polyolefins based on renewable feedstock. REHAU has selected the Bornewables material for the manufacture of edgebands based on its durability and robustness in combination with suitability for straight and contour processing. In the spirit of [EverMinds™](#), the long-term partnership between Borealis and REHAU has been taken to the next level as they drive plastics circularity in furniture manufacturing.

Polypropylene (PP) has long been a preferred material in the production of polymer edgebands thanks to its excellent chemical and heat resistance, and the wide range of processing opportunities it enables. It is also fully recyclable and odourless. As drop-in replacement solutions in edgeband manufacturing, grades from the Bornewables portfolio are also suitable for use on standard edgebanders and contour processing machinery due to their colour-stable chemistry and flexibility. Like conventional PP, the Bornewables offer:

- Very good heat conductivity and absorption
- Excellent UV stability
- High degree of heat resistance
- Extremely low shrinkage.

The Bornewables grades are ISCC PLUS certified polyolefins (International Sustainability and Carbon Certification) produced according to the mass balance model in which fossil-based feedstocks can be replaced by identical volumes of more sustainable ones. Using the Bornewables – which are made using renewable feedstock derived solely from waste and residue streams not fit for human consumption – reduces the carbon footprint of the end product.

“As accelerators for plastics circularity, we appreciate how important it is for the furniture industry to have a range of renewable-based and recycled material solutions in order to lower their own carbon footprint,” says John Webster,

Borealis Global Commercial Director Infrastructure. “We believe that leveraging our polymers expertise and collaborating with trusted partners like REHAU is the best way to re-invent essentials for sustainable living.”

“The home furnishing sector is keen to find new ways to enhance the circularity of everyday products, but maintaining top product quality and longevity is essential,” explains Daniel Elfe-Degel, Manager Product Management Edgebands and Sustainability Officer at REHAU Industrial Solutions Division. “Borealis has long been a reliable and trusted partner. We are glad to have enhanced the sustainability of our product portfolio through the use of a more circular material solution.”

K 2022 is taking place from 19 to 26 October 2022 in Düsseldorf, Germany.

We invite you to “Innovate Collaborate Accelerate” together with us by visiting Borealis and Borouge in Hall 6 at Stand A43.



REHAU has selected the Bornewables material for the manufacture of edgebands based on its durability and robustness in combination with suitability for straight and contour processing.
Photo: © REHAU.

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About Borealis

Borealis is one of the world's leading providers of advanced and sustainable polyolefin solutions and a European front-runner in polyolefins recycling. In Europe, we are a market leader in base chemicals and fertilizers. We leverage our polymer expertise and decades of experience to offer value adding, innovative and circular material solutions for key industries such as consumer products, energy, healthcare, infrastructure and mobility. In re-inventing essentials for sustainable living, we build on our commitment to safety, our people, innovation and technology, and performance excellence. We are accelerating the transformation to a circular economy of polyolefins and expanding our geographical footprint to better serve our customers around the globe.

With head offices in Vienna, Austria, we employ 6,900 employees and operate in over 120 countries. In 2021, we generated total sales of EUR 12.342 billion and a net profit of EUR 1,396 million. OMV, the Austria-based international oil and gas company, owns 75% of our shares, while the remaining 25% is owned by a holding company of the Abu-Dhabi based Mubadala. We supply services and products to customers around the globe through Borealis and two important joint ventures: Borouge (with the Abu Dhabi National Oil Company, or ADNOC, based in UAE); and Baystar™ (with TotalEnergies, based in the US). www.borealisgroup.com

About Borealis EverMinds™

Launched in 2018, EverMinds™ is an umbrella brand uniting the wide range of Borealis activities and initiatives aimed at making plastics more circular. As a dedicated platform, EverMinds promotes a circular mind-set among all Borealis stakeholders. The platform encompasses proprietary Borealis technologies as well as established brands such as Purpolen™ and Dipolen™. It facilitates deeper collaboration between Borealis and its partners in order to develop innovative and sustainable polyolefins solutions based on the circular model of recycling, re-use and design for circularity. EverMinds also extends to pioneering corporate programmes such as Project STOP, and engagement in industry initiatives like the the Polyolefins Circular Economy Platform (PCEP), and Project CEFLEX.

www.borealiseverminds.com

About Borouge

Borouge, listed on the Abu Dhabi Securities Exchange (ADX symbol "BOROUGE" / ISIN "AEE01072B225"), is a leading petrochemical company that provides innovative and differentiated polyolefin solutions for the energy, infrastructure, mobility, advanced packaging, healthcare and agriculture industries. ADNOC owns a majority 54% stake and Borealis holds a 36% stake in Borouge.

To find out more, visit: borouge.com

About REHAU

The REHAU Group unites five strong companies under one roof: Meraxis, New Ventures, RAUMEDIC, REHAU Automotive and REHAU Industries. With polymer-based solutions, the family-owned company generates annual sales of over 4 billion euros. More than 20,000 people work for the group of companies, which has grown independently over the course of a century. Passionate and committed, employees at more than 190 sites develop, manufacture and market innovative products and solutions for the automotive, construction, furniture, materials, medical and industrial sectors with a common goal: to improve lives through the use of innovative, sustainable technologies: Engineering progress. Enhancing lives. www.rehau.com

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