

News Release

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BASF presents projects and innovations for the entire life cycle of packaging products at virtual events

- **With a focus on topics revolving around sustainability and resource conservation**
- **Events from March 15 to 25, 2021**
- **Virtual replacement for the Interpack 2021**

At virtual events held from March 15 to 25, 2021, BASF experts provide an insight into projects along the entire life cycle of packaging products – from their manufacturing to their use to recycling options. The topics range from product innovations to new technologies and current customer projects. The events are held as an alternative to BASF's contribution to the Interpack 2021, which cannot take place due to the coronavirus pandemic. Interested parties can register for free via the [following website](#).

Experience circular economy projects

Within its circular economy program BASF has set the goal to process a total of 250,000 tons of recycled and waste-based raw materials annually in place of fossil raw materials as of 2025. In addition, BASF is determining the CO₂ footprint of all sales products and intends to complete this process by the end of 2021.

Learn more about circular economy at BASF in our webinars on March 15, 10am and 3pm CET.

Learn more about the calculation of our CO₂ footprint in our webinars on March 22, 10am and 3pm CET.

Water-based ink technology: the more sustainable solution for printing flexible packaging

For paper and paperboard packaging, water-based inks have been used for a long time and are accepted as a safer and more sustainable solution. Together with partners from the PRETHINK INK network, BASF is working to demonstrate that this technology is also viable in film printing for flexible packaging applications. Experts from BASF, ink maker Quimovil, machine manufacturer Comexi and packaging producer Silbo will discuss their experiences and offer practical advice on going water-based in an online seminar on March 24.

Mechanical recycling of polyamides in multilayer film structures

Various recycling protocols do not currently classify polyamides in multilayer films as recyclable. BASF provides evidence to the contrary: BASF is presenting the latest findings on the mechanical recycling of polyamides in multilayer films from recent experiments. Both polyamide 6 and various copolyamides were investigated and evaluated in this respect.

Learn more about the Mechanical recycling of polyamides in multilayer film structures in our webinars on March 18, 9am and 4pm CET.

Pharma boxes made from Styropor® Ccycled™ go around the world

BASF supplies the raw material which is processed by HIRSCH Porozell into system packagings that are finally marketed into the pharmaceutical industry by eutecma as developer of the boxes. As a result of this successful cooperation, the first PROTECT system packaging made from plastics for which raw material from chemically recycled plastic waste was used, will be delivered in the first quarter of 2021. The raw material, pyrolysis oil, is processed at BASF as part of the ChemCycling™ project, saving fossil raw materials in the production of packaging materials. The share of recycled material is allocated to the end products by using a third-party audited mass balance approach. In terms of properties and quality, the products from chemical recycling are indistinguishable from classic Styropor®. This makes them particularly suitable for sensitive and temperature-sensitive products in

the pharmaceutical industry, such as vaccines. The shock absorbing and insulating properties of Styropor® Ccycled™ guarantee the safe and cool transport of goods.

Learn more about the successful collaboration along the Styropor® value chain in the webinar on March 25, 2021.

Ultramid®: Introduction of a product family of polyamide 6 extrusion granulates

BASF introduces polyamide 6 extrusion types. In this product family, it is possible to determine the CO₂ footprint and reduce it using various options. On the one hand, a Ultramid® Ccycled™ is available that is made from recycled waste materials from the production process, which means these come from the production and process waste of polyamide production at BASF. BASF can thus also offer its customers materials with a mass-balanced share of recycled materials. On the other hand, BASF offers Ultramid® BMBcert. The biomass balance method (BMB), certified by REDcert, helps conserve fossil raw materials.

Learn more about our Ultramid® product family in our webinars on March 19, 19.30am and 3pm CET.

New Ultradur® grades for thermoforming and injection-molding applications with tailor-made property profiles

The world's first thermoformable PBT Ultradur® B6560 M2 FC TF combines all the characteristics of the Ultradur® family while additionally providing excellent oxygen, water vapor and aroma barrier properties.

Through these intrinsic and also outstanding mechanical properties, the Ultradur® enables packaging made of only one material, no further coating is necessary.

By connecting and branching the polymer chains via tailor-made additives a very high melt strength is achievable.

The material is suitable for extrusion of films and thermoforming of packaging or technical parts as well as other high temperature applications.

Ultradur® B1520 FC R1 is a high flowability PBT that was specially developed for injection-molded thin-walled packaging for cosmetics- and food products. It is the product of choice for single layer, aromasealed packaging. Secondary packaging is made redundant by Ultradur® B1520 FC R1's well-balanced barrier properties

against moisture and oxygen. The packaging can also be very thin, which is a prerequisite for economic and ecological production.

Learn more about the Ultradur® in our webinars on March 23, 9am and 3pm CET.

Further information

[Registrations here.](#)

More about [water-based inks and the PRETHINK INK network.](#)

More about [mechanical recycling of polyamides in multilayer film structures.](#)

More about pharma [boxes made of Styropor® Cycled™.](#)

More about our [Ultramid® product family.](#)

More about BASF's [product line Ultradur®.](#)

More about the [biomass balance approach.](#)

More about the [ChemCycling™ project.](#)

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 110,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €59 billion in 2020. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com.