

News Release

P060/26e
March 31, 2026

Advancing circularity: BASF expands Ultrason® portfolio with new biomass-balanced PPSU grade for high-performance applications

- **With Ultrason® P 3010 BMB, fossil feedstock is replaced with bio-circular feedstock which is attributed to the material via certified biomass balance approach**
- **Drop-in solution: Ultrason® P 3010 BMB has the same properties, machine processability and certificates as its standard Ultrason® counterpart**
- **BASF at CHINAPLAS 2026: Booth 7.2C41, National Exhibition and Convention Center, Shanghai**

BASF is expanding its portfolio of certified biomass-balanced polyarylethersulfones with Ultrason® P 3010 BMB, a polyphenylsulfone (PPSU) with 20% attributed bio-circular feedstock. Ultrason® P 3010 BMB enables customers across industries like household and catering, water and sanitary, medical technology, hydrogen production and E&E to increase the use of renewable resources and accelerate their transition toward a more circular economy. This addition to the Ultrason® portfolio thus helps them to achieve their sustainability goals without compromising on the material's performance, its quality or the need for investments in new machinery.

With Ultrason® P 3010 BMB, the fossil raw materials used at the beginning of production are partly replaced by renewable feedstock derived from organic waste and residual biomass. This bio-circular feedstock is attributed to the Ultrason® P grade via a mass balance approach which is certified according to ISCC PLUS (1).

The BMB grade also benefits from 100% green electricity used in a resource-efficient, continuously emission-optimized process in the production plant in Ludwigshafen, Germany. This method allows customers to benefit from a drop-in solution that is chemically identical to the standard Ultrason® P 3010 grade. As a result, no re-qualification of applications or changes in processing parameters are necessary.

Same performance – supporting customers' sustainability goals

“With Ultrason® P 3010 BMB, we are helping customers advance their green transformation at an early stage of their sustainability journey,” says Nami Lohbeck from global business management Ultrason® at BASF. “By choosing Ultrason® P 3010 BMB, customers can contribute to the substitution of fossil resources, increase the use of renewable raw materials, and differentiate their products from the competition through added sustainability benefits.” Like its standard counterpart, Ultrason® P 3010 BMB offers the excellent high-temperature stability, chemical resistance, toughness and long-term durability expected from BASF's PPSU materials. Customers can rely on the same performance and certification status, including suitability for applications that demand rigorous safety and quality, e.g. baby bottles, components in contact with drinking water and medical devices. In 2025, BASF was the first company to introduce biomass-balanced polyethersulfone (PESU), i.e. Ultrason® E 2010 BMB with 39% attributed bio-circular feedstock certified by ISCC PLUS.

Ultrason® is the trade name for BASF's product range of polyethersulfone (Ultrason® E), polysulfone (Ultrason® S) and polyphenylsulfone (Ultrason® P). The high-performance thermoplastic is used to manufacture water filtration membranes, stylish, durable and safe household and catering applications as well as lightweight components for the automotive and aerospace industries. Ultrason® brands can substitute thermosets, metals, glass and ceramics in many applications because of their extraordinary property profile.

More information: www.ultrason.basf.com

About BASF's Performance Materials division

BASF's Performance Materials division drives the transformation of the plastics industry by uniting sustainability with high performance. Our materials expertise, deep industry know-how, and broad

product portfolio make us the preferred partner for comprehensive solutions across the plastics lifecycle. With dedicated material-focused teams, strong R&D power, and a global production network close to our customers, we deliver tailored offerings that meet regional and industry-specific needs. Our products enhance performance and efficiency in key sectors such as automotive, construction, consumer goods, and industrial applications. Together with our partners, we embark on #OurPlasticsJourney towards a more circular and sustainable future. In 2025, the Performance Materials division achieved global sales of € 6.4 billion. Join #OurPlasticsJourney on LinkedIn https://on.basf.com/PM_LinkedIn and in our newsletter https://on.basf.com/PM_Newsletter. Further information at <https://www.performance-materials.basf.com>.

About BASF

At BASF, we create chemistry for a sustainable future. Our ambition: We want to be the preferred chemical company to enable our customers' green transformation. We combine economic success with environmental protection and social responsibility. Around 108,000 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 comprises, as core businesses, the segments Chemicals, Materials, Industrial Solutions, and Nutrition & Care; our standalone businesses are bundled in the segments Surface Technologies and Agricultural Solutions. BASF generated sales of around €60 billion in 2025. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.

(1)ISCC PLUS is a sustainability certification scheme for the use of sustainable biomass as raw material in the chemical industry. A certification according to this certification scheme confirms that the biomass used is sustainable and has been fed into the production system in the required amount. It also confirms that the sustainable biomass has been correctly attributed to the corresponding sales products. The certification is awarded on the basis of on-site Halaudits conducted by independent auditors.