

LANXESS expands Scopeblue portfolio: New micronized yellow pigments with a reduced carbon footprint

- **Ideal for high-end applications in the paint and coatings industry**
- **Making value chains more sustainable**

Shanghai, February 26, 2025 - Specialty chemicals company LANXESS will offer a highly sustainable variant of its Bayferrox iron oxide yellow pigment in the future. The pigments marketed under the company's own Scopeblue label have a significantly reduced carbon footprint thanks to the use of more eco-efficient raw materials. This reflects the growing awareness of the raw material product carbon footprint (PCF) in the paint and coatings industry and the resulting demand for sustainably manufactured pigments.

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Low-emission iron oxide yellow pigments under the Bayferrox brand: The production process for this Scopeblue pigment series generates significantly lower carbon emissions. In this way, LANXESS is meeting the growing demand for sustainably manufactured pigments in the paint and coatings industry.

More sustainably manufactured pigments with a reduced PCF

LANXESS is responding to this development by gradually introducing Scopeblue product lines as part of its sustainability strategy. The Scopeblue label indicates products that are made from a high proportion of sustainable raw materials and that have a significantly lower carbon footprint compared to conventional products.

“With the launch of our new, low-emission yellow pigment product line under the Bayferrox brand, we aim to support our customers in making their own value chains more sustainable,” explains Daniela Schmitt, Head of Global Marketing at the LANXESS Inorganic Pigments business unit. “Having been the first manufacturer to help advance the introduction of environmental product declarations for iron oxide pigments, LANXESS is now building on its role as a sustainability pioneer with the launch of this new low-emission product line.”

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More sustainable production, uncompromising quality

The new Scopeblue product line comprises the micronized iron oxide yellow pigments Bayferrox 3910, 3910 LV and 3920. They are ideally suited for high-quality formulations, like pigment pastes and highly pigmented facade paints, where they offer relevant potential for sustainable products.



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The Scopeblue pigments are made from more eco-efficient raw materials based on renewable energies and have a PCF that is around 35 percent lower compared to the corresponding regular

Bayferrox product grades. This figure is confirmed by a life cycle analysis that has been certified by the independent testing organization TÜV Rheinland. The origin and use of the lower-emission raw materials is certified according to the rules of ISCC Plus (“International Sustainability and Carbon Certification”) using the mass balance method.

All of the product types in the new Bayferrox Scopeblue product line can be easily used in existing paint systems. They have the same chemical composition, color and functional properties as conventionally manufactured Bayferrox pigments.

Integrating sustainability into business models

LANXESS firmly believes that sustainability can be successfully integrated into business models. The company systematically evaluates its products from an economic, ecological and social perspective. By developing innovative processes and sustainable products, LANXESS is helping to make its customers’ value chains more sustainable.

Further information can be found at

<https://lanxess.com/en/products-and-brands/brands/bayferrox/coatings-applications> and
<https://lanxess.com/en/products-and-brands/brands/scopeblue>.

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Press Release

About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 6.7 billion in 2023. The company currently has about 12,400 employees in 32 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices of the Dow Jones Sustainability Index (DJSI World and Europe).

LANXESS China

On January 31, 2005, the company was initially listed on the Frankfurt Stock Exchange and LANXESS Chemical (China) Co., Ltd. officially started operations. LANXESS now has 13 subsidiaries, 5 R&D centers and 5 production sites in Greater China. LANXESS works closely with its local partners to develop market-oriented solutions that meet local market needs.

Forward-Looking Statements

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