

# QUALITY SHINES.



**QUALITY WORKS.**

**LANXESS**  
Energizing Chemistry

## Latex coloration with LANXESS pigment dispersions

Latex is used in a variety of industries such as automotive, aircraft, insulation, and consumer goods. For certain applications such as rubber bands, shoes, tire marking, balloons, or latex gloves, a vibrant color is appreciated.

The LANXESS business unit Polymer Additives offers a wide variety of organic and inorganic aqueous pigment dispersions, which can be directly added to the liquid rubber basis and fulfill the specific technical requirements for dipped and molded latex articles:

- **Levanyl®** and **Levanyl® X** (based on organic pigments)
- **Levanox®** (based on inorganic pigments)

### Product properties and benefits

#### High color strength

**Levanyl®** and **Levanox®** pastes are well-milled and provide a low particle size distribution, resulting in a continuous color film in the final latex product.

#### Mechanical stability

Small particles improve the stability of the latex products by creating a continuous layer and preventing potential breaking points.

#### Dust-free and easy dosing

Pigment pastes reduce dust exposure during production and are easier to incorporate into the rubber emulsion compared to dry pigments.

#### Strong resistance

Our pigment dispersions show strong light and weather fastness and high resistance to alkalis and acids.

#### No further additives

We offer water-based pigment dispersions without binders and resins, in order to achieve a higher compatibility with customer systems.

#### Made in Germany

All pigment preparations are developed and produced in Germany.

**X Levanox®**    **X Levanyl®**

**Full pigment dispersion portfolio  
for latex coloration**

LANXESS provides a complete pigment dispersion portfolio which has proven its suitability for the coloration of latex products such as balloons, gloves, gymnastic bands etc. in many customer cases.

Our portfolio of pigment dispersions includes the complete color palette based on organic pigments as well as inorganic pigments.

For a detailed account of the products suitable for this application including technical product information and color shades, please refer to our **online product selector** under [rch.lanxess.com/colorant-additives-en/colorants-product-selector](http://rch.lanxess.com/colorant-additives-en/colorants-product-selector)

**Successfully used by many customers**

Out of our wide color range, many products are successfully used by a variety of customers for the coloration of latex products. For an overview of our customer cases, please contact us.

**Ecological properties and regulations**

- The selection of a suitable colorant especially for a defined application depends on a wide range of criteria. LANXESS products meet up-to-date ecological requirements and are a reliable basis for ecological formulations. Regulatory information for our product portfolio is available upon request
- REACH: All products comply with REACH (EC) No.1907/2006.

**Get in touch with our experts to discuss a tailored solution for latex coloration according to your individual needs (color matching, technical, and HSEQ support).**

**Diverse latex applications**



**Gymnastic bands**



**Balloons**



**Gloves**



**Mattresses**

**LANXESS**  
Energizing Chemistry

LANXESS Deutschland GmbH  
Business Unit Polymer Additives  
Kennedyplatz 1  
50569 Cologne  
Germany  
[colorant.applications@lanxess.com](mailto:colorant.applications@lanxess.com)  
[www.lanxess.com](http://www.lanxess.com)



This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets – and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

©2021 LANXESS. Levanox<sup>®</sup>, Levanyl<sup>®</sup>, LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries worldwide.