

# QUALITY SHINES.

QUALITY WORKS.

**LANXESS**  
Energizing Chemistry

## Nonwoven fabric coloration with LANXESS pigment dispersions

Nonwoven fabrics are used in a variety of industries due to their cost-efficiency and versatile material properties. Dyeing of nonwoven can be done through the direct coloration of the fibers or by using non-colored fibers with a colored binder.

The LANXESS business unit Rhein Chemie offers a wide variety of aqueous pigment dispersions suitable for the indirect coloration of binders used for nonwoven fabrics in health-care, automotive, agricultural, building, living, and cleaning applications:

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

**X\_Levanox®**    **X\_Levanyl®**

### Product properties and benefits

#### Specified product properties

For each pigment dispersion, properties such as color strength (+/-5%), color shade (dE<1), pH value and viscosity are specified.

#### Facilitates production process

Use of pigment dispersions with low viscosity allows easy, exact, and dust-free dosing in the production process.

#### Strong resistance

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

#### Perfect compatibility

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 dispersions are developed and produced in Germany.

**Full pigment dispersion portfolio  
for nonwoven fabric coloration**

LANXESS provides a wide pigment dispersion portfolio which has proven its suitability for nonwoven applications 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 nonwoven fabrics. 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 nonwoven fabric coloration according to your individual needs (color matching, technical, and HSEQ support).**

**Diverse nonwoven applications**



**Cleaning**



**Automotive**



**Agriculture**



**Health care**

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