

# QUALITY SHINES.



## Brilliant colors

Solvent-free pigment preparations

X Levanyl<sup>®</sup> X Levanox<sup>®</sup>

QUALITY WORKS.

**LANXESS**  
Energizing Chemistry

# AQUEOUS PIGMENT PREPARATIONS

Fine paste products from LANXESS are aqueous dispersions of organic pigments – Levanyl® – and inorganic pigments – Levanox®. All formulations are solvent-free and alkylphenol ethoxylate (APEO)-free.

LANXESS aqueous pigment dispersions combine high performance with easy dosing and mixing characteristics without the need for a lengthy grinding process. In addition, Levanyl® and Levanox® products combine optimal color strength, gloss, transparency and intensity with a low energy and dosage requirement due to their small particle size and high pigment content.

## Levanyl® and Levanox® – Tailored properties

- Excellent color strength
- Small particle size
- No further additives/binders/resins added
- Perfect compatibility of preparation blends
- Low viscosity
- Organic and inorganic high-performance pigments with very good light and weather fastness
- Tailored dispersant system

## Up to date - Ecological properties

Levanyl® and Levanox® dispersions are solvent-free, VOC-free and alkylphenol ethoxylate (APEO)-free. For further substance absences and a variety of conformity letters, e.g. with EN 71, Blue Angel, Nordic Ecolabel and BfR36, please contact us.

The list of products presented in this brochure is only a selection of available products. Please contact us for further colors, technical support or color matching.

## Versatile applications –

### Levanyl® and Levanox® dispersions

Levanyl® and Levanox® pigment dispersions are designed to meet special technical requirements.

These products are used in the following applications:

- Agricultural industry
  - Fertilizers
  - Pesticides
  - Seed treatments
- Construction industry
  - Adhesives
  - Concrete
  - Floor & roof tiles
  - Mortar
  - Resins (e. g. phenol-, urea formaldehyde based)
- Detergents
- Latex
  - Balloons
  - Gloves
- Non-woven textiles
- Paints & coatings
  - Artist colors
  - Indoor paints
  - Outdoor paints
  - Wood stains
- Paper industry
  - Abrasive papers
  - Decorative paper coloration
  - Paper coating
  - Special anionic dispersions (e. g. Yellow E4G-A, Black A-SF)
- Stationery inks
  - Stamps
  - Writing instruments
- Synthetic leather (PU coagulation)



# LEVANYL® – ORGANIC PIGMENT, SOLVENT-FREE

Full shade*	1:2 TiO <sub>2</sub>	1:10 TiO <sub>2</sub>	Color index	Chemical type	Pigment %	Light fastness		Weather fastness		Density g/cm <sup>3</sup>
						Full shade	1:10 TiO <sub>2</sub>	Full shade	1:10 TiO <sub>2</sub>	
<b>Yellow 2GX-LF</b> 			<b>P.Y. 74</b>	Monoazo	38	7	7	4	3	1.15
<b>Yellow 5GX-LF</b> 			<b>P.Y. 74</b>	Monoazo	42	6	6	4	3	1.12
<b>Yellow GN-LF 02</b> 			<b>P.Y. 1</b>	Monoazo	46	7	6	4	2	1.16
<b>Yellow HR-LF</b> 			<b>P.Y. 83</b>	Disazo	32	7	6	5	3	1.13
<b>Yellow E4G-A</b> 			<b>P.Y. 150</b>	Monoazo (Ni)	28	8	8	5	5	1.15
<b>Orange GR-HS-LF 02</b> 			<b>P.O. 34</b>	Disazo	39	5	4	1	1	1.13
<b>Orange RN-LF 01</b> 			<b>P.O. 5</b>	Monoazo	45	7	6	5	4	1.15
<b>Red 3G-LF</b> 			<b>P.R. 254</b>	Diketopyrro- lopyrrole	47	8	8	5	5	1.19
<b>Red BB-LF 02</b> 			<b>P.R. 112</b>	Monoazo	49	7	6	4	3	1.20
<b>Red BBW-LF 02</b> 			<b>P.R. 112</b>	Monoazo	49	7	6	4	3	1.20
<b>Red 2BX-LF</b> 			<b>P.R. 48.2</b>	Monoazo	20	6	5	4	3	1.04
<b>Red 2B Gran</b> 			<b>P.R. 48.2</b>	Monoazo	73	6	5	4	3	–
<b>Magenta B-LF</b> 			<b>P.R. 122</b>	Quina- cridone	25	8	7	5	5	1.10

**Printed colors serve as a guideline only. Actual product color will depend on application and concentration.**

\*Full shade drawdown in transparent base over white and black background.

# LEVANYL® – ORGANIC PIGMENT, SOLVENT-FREE

Full shade*	1:2 TiO <sub>2</sub>	1:10 TiO <sub>2</sub>	Color index	Chemical type	Pigment %	Light fastness		Weather fastness		Density g/cm <sup>3</sup>
						Full shade	1:10 TiO <sub>2</sub>	Full shade	1:10 TiO <sub>2</sub>	
			<b>P.V. 23</b>	Carbazole	27	8	7	5	4	1.08
			<b>P.B. 15:0</b>	Phthalocyanine	39	8	8	5	5	1.18
			<b>15:1</b>	Phthalocyanine	30	8	8	5	5	1.15
			<b>P.B. 15:0 / 15:3</b>	Phthalocyanine	39	8	8	5	5	1.19
			<b>P.B. 15:3</b>	Phthalocyanine	45	8	8	5	5	1.20
			<b>P.G. 7</b>	Phthalocyanine	48	8	8	5	5	1.33
			<b>Mix</b>	Mix	44	6	4	2	1	1.17
			<b>P.Bk. 7</b>	Carbon black	28	8	8	5	5	1.13
			<b>P.Bk. 7</b>	Carbon black	36	8	8	5	5	1.22
			<b>P.Bk. 7</b>	Carbon black	37	8	8	5	5	1.21
			<b>P.Bk. 7</b>	Carbon black	40	8	8	5	5	1.24
			<b>P.Bk. 7</b>	Carbon Black	40	8	8	5	5	1.24

Printed colors serve as a guideline only. Actual product color will depend on application and concentration.

\*Full shade drawdown in transparent base over white and black background.

# LEVANOX® – INORGANIC PIGMENT, SOLVENT-FREE

Full shade*	1:2 TiO <sub>2</sub>	1:10 TiO <sub>2</sub>	Color index	Chemical type	Pigment %	Light fastness		Weather fastness		Density g/cm <sup>3</sup>
						Full shade	1:10 TiO <sub>2</sub>	Full shade	1:10 TiO <sub>2</sub>	
<b>Yellow 6G-LF</b> 			<b>P.Y. 184</b>	Bismuth vanadate	60	8	8	5	5	1.95
<b>Yellow 1420 LF</b> 			<b>P.Y. 42</b>	Iron oxide	50	8	8	5	5	1.63
<b>Yellow 3910-LF</b> 			<b>P.Y. 42</b>	Iron oxide	57	8	8	5	5	1.81
<b>Orange 943-LF</b> 			<b>P.Y. 42</b>	Iron oxide	60	8	8	5	5	1.72
<b>Red 130-LF</b> 			<b>P.R. 101</b>	Iron oxide	65	8	8	5	5	2.06
<b>Red 1418-LF</b> 			<b>Mix</b>	Iron oxide	67	8	8	5	5	2.25
<b>Blue 2R-LF</b> 			<b>P.B. 28</b>	Co/Al oxide	60	8	8	5	5	1.58
<b>Blue 4G-LF</b> 			<b>P.B. 36</b>	Co/Al/Cr oxide	60	8	8	5	5	1.77
<b>Green G-LF</b> 			<b>P.G. 17</b>	Chrome oxide	71	8	8	5	5	2.19
<b>Brown 610-LF</b> 			<b>Mix</b>	Iron oxide	65	8	8	5	5	2.06
<b>Black 303-LF</b> 			<b>P.Bk. 33</b>	Iron / Manganese oxide	70	8	8	5	5	2.15
<b>White R-LF</b> 			<b>P.W. 6</b>	Titanium dioxide	70	8	8	5	5	2.17

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\* Full shade drawdown in transparent base over white background.

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