

QUALITY SHINES.



Brilliant colors

Solvent-free pigment preparations

X Levanyl[®] X Levanox[®]

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

** not VOC-free



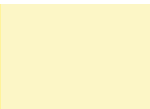





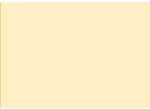











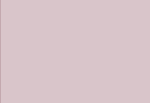


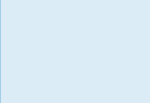


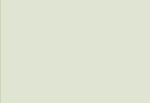








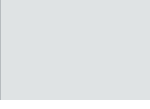
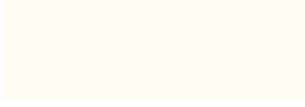
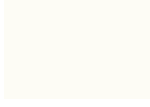

LEVANYL® – ORGANIC PIGMENT, SOLVENT-FREE

Full shade*	1:2 TiO ₂	1:10 TiO ₂	Color index	Chemical type	Pigment %	Light fastness		Weather fastness		Density g/cm ³
						Full shade	1:10 TiO ₂	Full shade	1:10 TiO ₂	
Violet BN-LF 			P.V. 23	Carbazole	27	8	7	5	4	1.08
Blue R-LF 02 			P.B. 15:0	Phthalocyanine	39	8	8	5	5	1.18
Blue BR-LF 02 			P.B. 15:0 / 15:3	Phthalocyanine	39	8	8	5	5	1.19
Blue G-LF 02 			P.B. 15:3	Phthalocyanine	45	8	8	5	5	1.20
Green G-LF 02 			P.G. 7	Phthalocyanine	48	8	8	5	5	1.33
Brown HS-LF 02 			Mix	Mix	44	6	4	2	1	1.17
Black A-SF 			P.Bk. 7	Carbon black	28	8	8	5	5	1.13
Black B-LF 02 			P.Bk. 7	Carbon black	36	8	8	5	5	1.22
Black N-LF 02 			P.Bk. 7	Carbon black	40	8	8	5	5	1.24
Black NT-LF 02 			P.Bk. 7	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 ₂	1:10 TiO ₂	Color index	Chemical type	Pigment %	Light fastness		Weather fastness		Density g/cm ³
						Full shade	1:10 TiO ₂	Full shade	1:10 TiO ₂	
Yellow 6G-LF 			P.Y. 184	Bismuth vanadate	60	8	8	5	5	1.95
Yellow 1420 LF 			P.Y. 42	Iron oxide	50	8	8	5	5	1.63
Yellow 3910-LF 			P.Y. 42	Iron oxide	57	8	8	5	5	1.81
Orange 943-LF 			P.Y. 42	Iron oxide	60	8	8	5	5	1.72
Red 110-LF 			P.R. 101	Iron oxide	62	8	8	5	5	1.93
Red 130-LF 			P.R. 101	Iron oxide	65	8	8	5	5	2.06
Red 1418-LF 			Mix	Iron oxide	67	8	8	5	5	2.25
Blue 4G-LF 			P.B. 36	Co/Al/Cr oxide	60	8	8	5	5	1.77
Green G-LF 			P.G. 17	Chrome oxide	71	8	8	5	5	2.19
Brown 610-LF 			Mix	Iron oxide	65	8	8	5	5	2.06
Brown 645-LF 			P. BR. 43	Iron/ Manganese oxide	65	8	8	5	5	2.01
Black 303-LF 			PBk. 33	Iron/ Manganese oxide	70	8	8	5	5	2.15
White R-LF 			P.W. 6	Titanium dioxide	70	8	8	5	5	2.17

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

* Full shade drawdown in transparent base over white background.



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