

INDUSTRIAL DYES & PIGMENTS

for technical applications



Cleaning

Cement & Plaster

Plastic Materials

Varnish & Paint

Printing & Ink

Wood Staining

Fuel & Petroleum

Lab Testing & Special Dyes

Commonly used **SOLUBLE DYES** for **CLEANING**

SHADE	COLOUR NAME	DESCRIPTION	pH STABILITY		SURFACTANT STABILITY		SOLUBILITY	
	ACID YELLOW 73 <u>Xanthene</u>	Tracer dye for aqueous systems	pH 2 pH 7 pH 13	Less Fluo. Fluo. green No change	Anionic Non-ionic Cationic	Good Good Less bright	Water Glycol Alcohol	Good Insoluble Low
	ACID YELLOW 17 <u>Monoazo</u>	General purpose yellow	pH 2 pH 7 pH 13	No change Lemon yellow Trace redder	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Good Trace Low
	ACID YELLOW 23 <u>Monoazo</u>	General purpose yellow	pH 2 pH 7 pH 13	No change Bright yellow Trace redder	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Very good Trace Low
	ACID ORANGE 10 <u>Monoazo</u>	General purpose orange	pH 2 pH 7 pH 13	Little redder Orange Trace redder	Anionic Non-ionic Cationic	Good Good Weakens	Water Glycol Alcohol	Good Insoluble Low
	ACID ORANGE 7 <u>Monoazo</u>	Acid stable orange	pH 2 pH 7 pH 13	No change Orange Redder	Anionic Non-ionic Cationic	Weakens Weakens Good	Water Glycol Alcohol	Good Insoluble Low
	ACID RED 18 <u>Monoazo</u>	Neutral pH red	pH 2 pH 7 pH 13	Trace bluer Scarlet Goes brown	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Very good Insoluble Low
	ACID RED 14 <u>Monoazo</u>	Economical acid stable red	pH 2 pH 7 pH 13	No change Red Trace bluer	Anionic Non-ionic Cationic	Good Good Goes bluer	Water Glycol Alcohol	Very good Insoluble Low
	ACID RED 1 <u>Monoazo</u>	General purpose red	pH 2 pH 7 pH 13	Trace bluer Red Trace bluer	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Good Insoluble Low
	ACID RED 27 <u>Monoazo</u>	Speciality rubine	pH 2 pH 7 pH 13	Trace bluer Rubine Burgundy	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Good Insoluble Trace
	ACID RED 131 <u>Monoazo</u>	Strong blue shade red	pH 2 pH 7 pH 13	No change Red Yellower	Anionic Non-ionic Cationic	Good Goes bluer Goes bluer	Water Glycol Alcohol	Moderate Insoluble Low
	ACID RED 52 <u>Xanthene</u>	General purpose pink	pH 2 pH 7 pH 13	No change Pink No change	Anionic Non-ionic Cationic	Good Good Goes bluer	Water Glycol Alcohol	Good Insoluble Moderate
	ACID BLUE 225 <u>Anthraquinone</u>	Acid stable blue	pH 2 pH 7 pH 13	No change Royal Blue Decolourised	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Moderate Low Low
	BASIC BLUE 41 <u>Monoazo</u>	Acid stable blue	pH 2 pH 7 pH 13	Trace redder Royal blue Decolourised	Anionic Non-ionic Cationic	Good Good Weak (red)	Water Glycol Alcohol	Moderate Low Low
	ACID BLUE 62 <u>Anthraquinone</u>	Alkali stable blue	pH 2 pH 7 pH 13	Decolourised Blue No change	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Moderate Low Moderate
	ACID BLUE 80 <u>Anthraquinone</u>	Economical acid stable blue	pH 2 pH 7 pH 13	No change Blue Precipitates	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Low Insoluble Moderate
	DIRECT BLUE 86 <u>Phthalocyanine</u>	Economical turquoise	pH 2 pH 7 pH 13	Greener Turquoise Precipitates	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Moderate Insoluble Trace
	ACID BLUE 9 <u>Triphenylmethane</u>	General purpose turquoise	pH 2 pH 7 pH 13	Greener Turquoise Decolourised	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Very good Insoluble Good
	ACID GREEN 25 <u>Anthraquinone</u>	Neutral pH green	pH 2 pH 7 pH 13	Precipitates Green Precipitates	Anionic Non-ionic Cationic	Good Goes bluer Goes bluer	Water Glycol Alcohol	Good Low Moderate
	ACID GREEN 1 <u>Nitroso</u>	Alkali stable green	pH 2 pH 7 pH 13	Decolourised Green No change	Anionic Non-ionic Cationic	Good Goes duller Good	Water Glycol Alcohol	Good Insoluble Low
	ACID GREEN 16 <u>Monoazo</u>	Neutral pH green	pH 2 pH 7 pH 13	Decolourised Dark green Decolourised	Anionic Non-ionic Cationic	Good Goes yellower Good	Water Glycol Alcohol	Very good Insoluble Moderate
	ACID GREEN 28 <u>Anthraquinone</u>	General purpose green	pH 2 pH 7 pH 13	Trace yellow Green trace yellower	Anionic Non-ionic Cationic	Good Goes bluer Good	Water Glycol Alcohol	Mod Low Low
	ACID BLACK 2 <u>Azine</u>	General purpose black	pH 2 pH 7 pH 13	Precipitates Black Trace redder	Anionic Non-ionic Cationic	Good Good Good	Water Glycol Alcohol	Good Insoluble Insoluble

OXIDE PIGMENTS for CEMENT & PLASTER

Our **Oxide Pigments** have been formulated for a broad range of uses whilst providing optimal stability, good light fastness against UV and high temperature. They come in a large array of shades and mixes at very affordable prices.

AVAILABLE IN: POWDER – GRANULAR

IRON OXIDES	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
GIALLO FIORE			●	●	○	○
GIALLO CHIARO			●	●	●	○
GIALLO MEDIO			●	●	●	○
GIALLO LIMONE			●	●	●	○
GIALLO ORO-SCURO			●	●	●	○
ARANCIO			●	●	●	○
ARANCIO SCURO			●	●	●	○
ROSSO INTENSO			●	●	●	●
ROSSO VIVACE			●	●	●	●
ROSSO INTENSO			●	●	●	●
ROSSO SCURO			●	●	●	●
ROSSO VIOLACEO			●	●	○	○
ROSSO PORPORA			●	●	○	○
ROSSO FINISSIMO			●	●	○	○
MARRONE SCURO			●	●	○	○
BRUNO AVANA			●	●	○	○
MARRONE GIALLASTRO			●	●	○	○
BRUNO CAFFE'			●	●	○	○
BRUNO TESTA DI MORO			●	●	○	○
NERO TERMOSTABILE			●	●	●	○
NERO MICRONIZZATO			●	●	●	○
NERO			●	●	●	○

CHROME OXIDES	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
VERDE CHIARO			●	●	●	○
VERDE SCURO			●	●	●	○
EARTHY TONES	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
OCRA GIALLA			●	●	●	○
VERONA GIALLA			●	●	●	○
NATURALE VERDASTRA			●	●	●	○
BRUCIATA			●	●	●	○
BRUCIATA CAFFE'			●	●	●	○
BRUCIATA SCURA			●	●	●	○
SIENA GIALLA			●	●	●	○
SIENA ROSSA			●	●	●	○
VERONA ROSSA			●	●	●	○
ROSSETTO BRILLANTE			○	●	○	○
PIGMENTS	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
PIGMENT GREEN 7			●	●	○	○
PIGMENT BLUE 15:3			●	●	○	○
PIGMENT YELLOW 14			●	●	○	○
PIGMENT BLUE 27			●	●	○	○
GRAFITE	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
ARGENTEA PURA			●	●	○	○
NAZIONALE			●	●	○	○
ALLUMINIO IN PASTA	WHITE BASE	GREY BASE	CEMENT & CONCRETE	PLASTER	PAPER & CARDBOARD	GLASS
NON-LEAFING			●	●	○	○
LEAFING			●	●	○	○

SOLUBLE DYES for PLASTIC MATERIALS

High-performance polymer-soluble dyes are suitable for a wide range of polymers: brilliant, transparent colorations with outstanding heat resistance and good light fastness. Fluorescent polymer-soluble dyes in combination with other colorants, they can produce very intense, brilliant shades.

AVAILABLE IN: POWDER - SOLVENTS

COLOUR NAME	COLOR INDEX #	FULL SHADE	HALF SHADE	FOOD cont.	GPPS	ABS	PA6	PM MA	PC	PET
DISPERSE YELLOW 241	128450			○	●	○	○	●	●	●
SOLVENT YELLOW 16	12700			○	●	○	○	●	○	○
SOLVENT YELLOW 72	127450			○	●	●	○	●	●	○
SOLVENT YELLOW 93	48160			●	●	●	○	●	●	●
SOLVENT YELLOW 98	56238			●	●	●	○	●	●	●
SOLVENT YELLOW 114	47020			●	●	●	●	●	●	●
SOLVENT YELLOW 141	---			○	●	●	○	●	●	●
SOLVENT YELLOW 160:1	---			○	●	●	●	●	●	●
SOLVENT YELLOW 163	58840			○	●		○	●	●	●
DISPERSE ORANGE 47	---			○	●	●	○	●	●	●
SOLVENT ORANGE 60	564100			●	●	●	●	●	●	●
SOLVENT ORANGE 63	68550			●	●	●	○	●	●	●
SOLVENT ORANGE 105	11227			○	●	●	●	●	●	○
SOLVENT BROWN 53	48525			○	●	●	○	●	●	●
DISPERSE RED 60	60756			○	●	●	●	●	●	●
SOLVENT RED 52	68210			○	●	●	●	●	●	●

COLOUR NAME	COLOR INDEX #	FULL SHADE	HALF SHADE	FOOD cont.	GPPS	ABS	PA6	PM MA	PC	PET
SOLVENT RED 111	60505			●	●	●	●	●	●	●
SOLVENT RED 135	564120			○	●	●	●	●	●	●
SOLVENT RED 179	564150			○	●	●	●	●	●	●
SOLVENT RED 195	---			●	●	●	●	●	●	●
SOLVENT RED 207	617001			○	●	●	○	●	●	●
VAT RED 41	73300			●	●	●	○	●	●	●
DISPERSE VIOLET 26	62025			●	●	●	●	●	○	●
SOLVENT VIOLET 13	60725			●	●	●	●	●	●	●
SOLVENT VIOLET 14	---			○	●	○	○	○	○	●
SOLVENT VIOLET 37	---			○	●	●	○	●	○	○
SOLVENT BLUEE 35	61554			●	●	●	○	●	○	●
SOLVENT BLUEE 36	61551			●	○	●	○	○	○	○
SOLVENT BLUEE 78	61500			●	●	●	○	●	●	○
SOLVENT BLUEE 97	615290			●	●	●	●	●	●	●
SOLVENT BLUEE 104	61568			●	●	●	○	●	●	●
SOLVENT BLUEE 122	60744			○	●	●	○	●	●	○
SOLVENT GREEN 3	61565			●	●	●	●	●	●	●
SOLVENT GREEN 5	59075			●	●	●	●	●	●	○
SOLVENT GREEN 28	625580			○	●	●	○	●	●	●
BLACK (MIX)	---			○	●	●	●	●	●	●

● suitable

○ restricted suitability

○ not suitable

PIGMENTS for PLASTIC MATERIALS

Our range of pigment for plastic masterbatch application delivers the best-in-class dispersion, enhanced strength, low FPV and excellent heat stability. These pigments are classified to an optimal particle size in order to prevent clogging.

CI NAME	COLOR INDEX #	FULL SHADE	HALF SHADE	RUBBER	PVC	LDPE	HDPE	PP	ABS	FIBER
PIGMENT YELLOW 95	20034			●	●	○	○	●	●	●
PIGMENT YELLOW 93	20710			●	●	○	○	●	●	●
PIGMENT YELLOW 83	21108			●	●	●	●	●	○	○
PIGMENT YELLOW 62	13940			○	●	●	●	●	●	●
PIGMENT YELLOW 183	18792			○	●	○	○	●	●	●
PIGMENT YELLOW 180	21290			○	●	○	○	●	○	○
PIGMENT YELLOW 17	21105			●	●	●	●	○	○	○
PIGMENT YELLOW 168	13960			●	●	○	○	●	●	●
PIGMENT YELLOW 155	200310			●	●	○	○	●	○	○
PIGMENT YELLOW 150	12764			○	●	○	○	●	●	●
PIGMENT YELLOW 13	21100			●	○	●	○	○	○	○
PIGMENT YELLOW 12	21090			○	○	●	○	○	○	○
PIGMENT YELLOW 110	56280			●	●	○	○	●	●	●
PIGMENT VIOLET 23	51319			●	●	●	●	●	●	●
PIGMENT VIOLET 19	73900			○	●	○	○	●	○	○
PIGMENT RED 57:1	15850:1			●	●	●	○	○	○	○
PIGMENT RED 53:1	15585:1			●	●	●	●	○	○	○






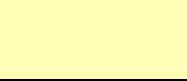



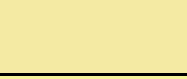

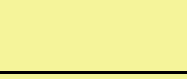

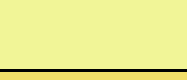
















CI NAME	COLOR INDEX #	FULL SHADE	HALF SHADE	RUBBER	PVC	LDPE	HDPE	PP	ABS	FIBER
PIGMENT RED 48:3	15865:3			●	●	●	●	○	○	○
PIGMENT RED 48:2	15865:2			●	●	●	●	○	○	○
PIGMENT RED 254	56110			○	●	○	○	●	○	○
PIGMENT RED 214	200660			●	●	○	○	●	●	●
PIGMENT RED 185	12516			○	●	○	○	●	○	○
PIGMENT RED 177	65300			●	●	○	○	●	●	●
PIGMENT RED 176	12515			○	●	○	○	●	●	●
PIGMENT RED 170	12475			○	●	●	●	●	●	●
PIGMENT RED 166	20730			●	○	●	○	●	●	●
PIGMENT RED 144	20735			●	○	○	●	●	○	○
PIGMENT RED 122	73915			○	●	●	○	●	○	○
PIGMENT ORANGE 64	12760			●	●	○	○	●	●	●
PIGMENT ORANGE 34	21115			●	●	●	●	●	○	○
PIGMENT ORANGE 13	21110			●	●	●	●	●	○	○
PIGMENT GREEN 7	74260			●	●	●	●	●	●	●
PIGMENT GREEN 36	74265			○	●	○	○	●	●	●
PIGMENT BLUE 60	69800			○	●	○	○	●	○	○
PIGMENT BLUE 15:3	74160			●	●	●	●	●	●	●
PIGMENT BLUE 15:1	74160			●	●	●	●	●	●	●
PIGMENT BLUE 15:0	74160			●	●	●	●	○	○	○

● suitable ○ restricted suitability ○ not suitable

VARNISH & PAINT DYES

We offer high-performance organic pigments for both decorative and industrial paints. These pigments are created under strict quality control and output monitoring to provide the long-lasting durability and high gloss needed in industrial paints.






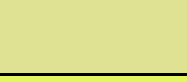













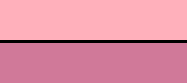














Every product is made using best-in-class technology to produce optimal opacity and tinctorial qualities (flow and viscosity) for effective coverage, decreased runs, little overspray, and sagging.







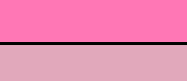








CI NAME	CI NO	FULL SHADE	REDUCED COLOR	DECORATIVE PAINTS	INDUSTRIAL PAINTS	POWDER COATING	AUTO MOTIVE PAINTS
PIGMENT YELLOW 1	11680			●	○	○	○
PIGMENT YELLOW 3	11710			●	○	○	○
PIGMENT YELLOW 12	21090			●	●	○	○
PIGMENT YELLOW 13	21100			○	○	○	○
PIGMENT YELLOW 65	11740			●	○	○	○
PIGMENT YELLOW 74	11741			●	○	○	○
PIGMENT YELLOW 74	11741			●	○	○	○
PIGMENT YELLOW 83	21108			●	●	●	●
PIGMENT YELLOW 83	21108			●	●	●	●
PIGMENT ORANGE 5	12075			●	○	○	○
PIGMENT ORANGE 13	21110			○	○	○	○
PIGMENT ORANGE 34	21115			○	●	●	○
PIGMENT ORANGE 64	12760			○	●	○	○
PIGMENT RED 3	12120			●	●	○	○
PIGMENT RED 3	12120			●	●	○	○

CI NAME	CI NO	FULL SHADE	REDUCED COLOR	DECORATIVE PAINTS	INDUSTRIAL PAINTS	POWDER COATING	AUTO MOTIVE PAINTS
PIGMENT RED 4	12085			○	○	○	○
PIGMENT RED 8	12335			○	○	○	○
PIGMENT RED 22	12315			●	○	○	○
PIGMENT RED 48:1	15865: 1			●	○	○	○
PIGMENT RED 48:2	15865: 2			●	○	○	○
PIGMENT RED 48:3	15865: 3			●	○	○	○
PIGMENT RED 48:4	15865: 4			●	○	○	○
PIGMENT RED 57:1	15850: 1			●	○	○	○
PIGMENT RED 63:1	15880: 1			○	●	○	○
PIGMENT RED 112	12370			●	●	○	○
PIGMENT RED 170	12475			○	●	●	●
PIGMENT RED 188	12467			●	●	●	●
PIGMENT RED 210	12477			●	○	○	○
PIGMENT GREEN 7	74260			●	●	●	●
PIGMENT BLUE 15:0	74160			●	○	●	●
PIGMENT BLUE 15:1	74160			●	●	○	●
PIGMENT BLUE 15:2	74160			●	●	●	●
PIGMENT BLUE 15:3	74160			●	●	●	●
PIGMENT BLUE 15:4	74160			●	●	○	●
PIGMENT VIOLET 23	51319			●	●	●	●

PRINTING & INK DYES

Our pigments focus largely on water-based and solvent inks, providing additional flexibility. These pigments are developed to provide best-in-class dispersion, high strength gloss and low viscosity as well as a wide range of hues from transparent to opaque.

COLOR INDEX NAME	CI #	FULL SHADE	REDUCED COLOR	OFFSET INKS	GRAVURE PRINTING	WATER BASED	SOLVENT BASED
PIGMENT YELLOW 12	21090			●	●	●	○
PIGMENT YELLOW 13	21100			●	○	●	○
PIGMENT YELLOW 14	21095			○	○	●	●
PIGMENT YELLOW 17	21105			●	○	●	○
PIGMENT YELLOW 83	21108			●	○	●	○
PIGMENT YELLOW 174	21098			●	○	○	○
PIGMENT ORANGE 5	12075			●	○	●	●
PIGMENT ORANGE 13	21110			●	○	●	●
PIGMENT ORANGE 34	21115			●	○	●	●
PIGMENT RED 2	12310			●	○	●	●
PIGMENT RED 5	12490			○	○	●	●
PIGMENT RED 8	12335			○	○	○	●
PIGMENT RED 12	12385			●	○	●	●
PIGMENT RED 48:1	15865:1			●	○	●	○
PIGMENT RED 48:2	15865:2			●	○	●	●
PIGMENT RED 49:1	15630:1			○	○	○	●
PIGMENT RED 52:1	15860:1			○	○	●	○








































COLOR INDEX NAME	CI #	FULL SHADE	REDUCED COLOR	OFFSET INKS	GRAVURE PRINTING	WATER BASED	SOLVENT BASED
PIGMENT RED 53:1	15585:1			●	●	●	●
PIGMENT RED 57:1	15850:1			●	○	●	○
PIGMENT RED 81:1	45160:1			●	○	●	●
PIGMENT RED 81:2	45160:2			●	○	●	●
PIGMENT RED 81:3	45160:3			●	○	●	●
PIGMENT RED 81:4	45160:4			●	○	●	●
PIGMENT RED 112	12370			●	○	●	●
PIGMENT RED 146	12485			●	○	●	●
PIGMENT RED 169	45160:2			○	○	○	●
PIGMENT RED 170	12475			●	○	●	●
PIGMENT GREEN 7	74260			●	○	●	●
PIGMENT BLUE 14	42600:1			○	○	●	●
PIGMENT BLUE 15:0	74160			○	○	○	●
PIGMENT BLUE 15:1	74160			●	○	●	●
PIGMENT BLUE 15:3	74160			●	●	●	●
PIGMENT BLUE 15:4	74160			●	●	●	●
PIGMENT VIOLET 1	45170:2			○	○	●	○
PIGMENT VIOLET 3	42535:2			●	○	●	●
PIGMENT VIOLET 23	51319			●	○	●	●
PIGMENT VIOLET 27	42535:3			○	○	●	●

WATER & ALCOHOL DYES for WOOD

Wood stain dyes and wood finishing dyes are selected colorants chosen for their brilliance, clarity and ease of use, minimal “grain raising” characteristics and excellent water and water-miscible co-solvent solubility properties.

Also suitable in solvent-based systems and for tinting of clear solvent based finishes.

AVAILABLE IN: POWDER – LIQUID

COLOUR	DYE CONTENT:			LIGHT FASTNESS	WATER SOL. g/L 25°	ALCOHOL SOL. g/L 25°
	4%	2%	1%			
BROWN TEAK				3-4	20	20
WALNUT BROWN				3-4	20	20
ANTIQUE BROWN				3-4	20	20
CHERRY BROWN				3-4	20	20
RED MAHOGANY				3-4	20	20
BROWN ROSEWOOD				3-4	20	20
BLACK EBONY				4	20	20
BRILLIANT YELLOW				3	20	50
LIGHT ORANGE				3	20	50
SCARLET RED				3	20	50
SOLID TURQUOISE				4	20	20
NAPHTOL GREEN				3-4	20	50
SLATE GREY				4	20	20

PRE-METALLIZED DYES for WOOD

This selection of 1: 2 disulfonated Pre-metallized dyes are particularly suitable for dyeing wood and are characterized by ease of use with good compatibility with the additives normally used.

AVAILABLE IN: POWDER – GRANULAR – LIQUID

COLOURANT	SHADE	LIGHT FASTNESS:				SOLUBILITY G/L AT 25°:			
		2%	2% PES +UV	2% PUR	2% NC	WATER	ACETONE	ALCOHOL	METHOXY PROPANOL
ACID YELLOW 151		5	6-7	7	6-7	5	20	10	>20
ACID YELLOW 204		5	6-7	7	6-7	10	5	10	5
ACID ORANGE 139		5	7	7	7	<1	10	3	>20
ACID RED 362		5	6-7	7	6-7	5	2	10	10
ACID VIOLET 90		5	6-7	6-7	6-7	<1	2	8	>20
ACID BLUEE 193		5	6-7	7	6-7	15	<1	20	>20
ACID BROWN 402		5	6-7	6	6-7	20	2	20	>20
ACID BLACK 164		5	7	7	7	10	10	10	>20
ACID BLACK 194		5	7	6-7	6-7	25	20	25	>20

MORDENT DYES for WOOD



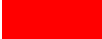









Eight shades obtained by mixing the earth of kassel, dye of vegetable origin and dyes harmless for food: the Mordenti by their nature are well fixed to the wood, enhancing its grain.

AVAILABLE IN: POWDER – GRANULAR – LIQUID

COLOUR	DILUTION 8%	DILUTION 4%	DILUTION 2%	LIGHT FASTNESS	SOLUBILITY g/L 25°
TEAK				4-5	10
CLEAR WALNUT				4-5	10
WALNUT				6	10
ANTIQUE BROWN				5	10
CHERRY				4-5	10
MAHOGANY				4-5	10
ROSEWOOD				4-5	10
EBONY				4-5	10

PETROLEUM & DERIVATES DYES

Our range of pigment for plastic masterbatch application delivers the best-in-class dispersion, enhanced strength, low FPV and excellent heat stability. These pigments are classified to an optimal particle size in order to prevent clogging.



















SHADE	PRODUCT NAME	LUBRICANTS / GREASES	DIESEL	GASOLINE	LEAK DETECTION	TRANSMISSION FLUIDS
	YELLOW 090-93	●	●	●	●	○
	ORANGE 090-20	●	●	●	●	○
	RED 090-51	●	●	●	●	●
	RED 090-59	●	●	○	●	○
	BROWN 090-71	●	●	●	●	○
	BROWN 090-74	●	●	○	●	○
	BLACK 090-85	●	●	●	●	○
	BLUE 090-42	●	●	●	●	○
	BLUE 090-45	●	●	●	●	○
	VIOLET 090-39	●	●	●	●	○
	GREEN 090-67	●	●	●	●	○
	GREEN 090-63	●	●	●	●	○

● suitable ○ restricted suitability

PRE-METALLIZED DYES for LEATHER

Pre-metallized dyes are particularly suitable for dyeing leather and are characterized by high fastness to light, water droplets, good drying speed and compatibility with additives.

AVAILABLE IN: MIX of SOLVENTS / BUTILDIGLICOL

COLOURANT	% DRY	LIGHT FASTNESS	STABILITY WATER DROPS	COLOUR	
ACID YELLOW 59	14	4-5	4		
ACID YELLOW 119	18	5	4-5		
ACID ORANGE 89	20	4-5	4		
RED (Mix)	16	4-5	3-4		
ACID RED 226	18	4	3-4		
ACID BROWN 282	28	4-5	3		
BROWN (Mix)	20	5	4-5		
ACID VIOLET 74	10	5	4-5		
ACID BLACK 63	18	4-5	4		

pH INDICATORS & MICROSCOPY DYES

pH INDICATORS

COLOUR INDEX NAME	COLOR INDEX #	COMMERCIAL NAME	NOTE
ACID RED 2	13020	Red Metyl	Red pH 4.4 <---> pH 6.2 Yellow
ACID ORANGE 52	13025	Orange Metyl	Red pH 4.2 <---> pH 6.2 Yellow
ACID YELLOW 36	13065	Yellow Metyl	Red Violet pH 1.2 <---> pH 2.3 Yellow
TETRABROMOFENOL BLUE	n.d	Blue Bromophenol	Yellow pH 3.4 <---> pH 6 Blue Violet
BROMOCRESOL PURPLE	n.d	Violet Bromocresol	Yellow pH 5.2 <---> pH 6.8 Violet
PHENOL RED	n.d	Red Fenol	Yellow pH 6.4 <---> pH 8.0 Red
CRESOL RED / VIOLET	n.d	Red / Violet Cresol	Yellow pH 7.2 <---> pH 8.8 Violet
THYMOL BLUE	n.d	Blue Thymol	Red pH 1.2 <---> pH 2.8 Yellow pH 8.0 <---> pH 9.6 Blue

pH INDICATORS & MICROSCOPY / HISTOLOGY

COLOUR INDEX NAME	COLOR INDEX #	COMMERCIAL NAME	NOTE
BASIC GREEN 4	42000	Green Malachite	Yellow pH 0 <---> pH 2 Light Blue Staining Bacteria / Spores
ACID BLUE 93	42780	Blue Methylene	Blue pH 9.4 <---> pH 14 Transparent Staining Bacteria / Fungi

MICROSCOPY / HISTOLOGY

COLOUR INDEX NAME	COLOR INDEX #	COMMERCIAL NAME	NOTE
SOLVENT BLACK 5	50415	Nigrosine	Staining Fungi
ACID BLUE 22	42755	Blue Anilin / Water Blue	Staining Fungi
SOLVENT RED 23	26100	Sudan III	Staining Fungi / Parasites
ACID ORANGE 10	16230	Orange G	Staining Parasites
BASIC ORANGE 14	46005	Orange Acrydin	Staining Parasites
ACID RED 52	45100	Rhodamine	Staining Bacteria
ACID RED 87	45380	Eosine	Staining Bacteria
BASIC YELLOW 2	41000	Auramine	Staining Bacteria / Parasites
ACID RED 33	17200	Fucine	Staining Bacteria / Spores
BASIC RED 2	50240	Safranin	Staining Bacteria / Spores
-VARIOUS-	-Various-	Alizarine (Blue)	Staining Bacteria / Spores
-VARIOUS-	-Various-	Alizarine (Red)	Staining Bacteria / Spores
-VARIOUS-	-Various-	Alizarine (Green)	Staining Bacteria / Spores

FLUORESCENT DYES

Laser Dyes • Non-Destructive Test (NDT) • Leak Detection • Textile • Highlighters

COLOUR INDEX NAME	COLOR INDEX #	CAS #	SINONIMI
ACID RED 52	45100	3520-42-1	-
ACID YELLOW 184	-	70267-73-1	-
ACID YELLOW 250	-	93859-32-6	-
BASIC VIOLET 11	45175	2390-63-8	-
BASIC VIOLET 11:1	45174	73398-89-7	-
BASIC YELLOW 40	-	29556-33-0	Coumarin 40
DISPERSE YELLOW 186	551210	28754-28-1	-
PIGMENT YELLOW 101	48052	2387-03-3	-
SOLVENT GREEN 7	59040	6358-69-6	Pyranine
SOLVENT ORANGE 63	68550	16294-75-0	-
SOLVENT ORANGE 112	-	70546-25-7	Neeliglow Red BB
SOLVENT RED 175	-	68411-75-6	Alternate CAS: 2180952-76-3
SOLVENT RED 196	505700	52372-36-8	Disperse Red 362 CDP
SOLVENT RED 197	505720	52372-39-1	Disperse Red 277 CDP
SOLVENT YELLOW 43	561930	19125-99-6	Solvent Yellow 116, FBA 75
SOLVENT YELLOW 44	56200	2478-20-8	Disperse Yellow 11
SOLVENT YELLOW 85	-	2478-20-8	-
SOLVENT YELLOW 98	56238	27870-92-4	-
SOLVENT YELLOW 131	-	52821-24-6	-
SOLVENT YELLOW 145	551200	27425-55-4	Solvent Yellow 171 / 185, Disperse Yellow 82
SOLVENT YELLOW 160:1	55165	35773-43-4	Disperse Yellow 184:1 CDP
SOLVENT YELLOW 172	-	68427-35-0	Solvent Yellow 135
SOLVENT YELLOW 195	-	440645-24-9	-
SOLVENT YELLOW 196	551880	38215-36-0	Coumarin 6, Coumarin 540
SOLVENT RED 242	73300	522-75-8	Disperse Red 364, Vat Red 41 & Thioindigo
PIGMENT RED 224	-	128-69-8	EC: 204-905-3
PIGMENT VIOLET 29	-	81-33-4	EC: 201-344-6
ACID RED 52	45100	3520-42-1	-
ACID YELLOW 184	-	70267-73-1	-