

PIGMENTS FOR PLASTICS

Product Name & Code	C.I. Name	Mass tone	Tint 1:10	Heat stability, °C	Migration fastness		Light fastness	Application					Conformity requirements for colorants				
					PE	PVC		PE	PP	PS	PVC	Fiber	REACH	AP 89(1)	FDA	EN 71-3	TR CU 005/2011
Pigment yellow R P1300	P.Y.12			200	4-5	3-4	5-6	+	o	-	+	-	-	-	-	-	+
Pigment yellow 2R gr.B P1300	P.Y.13			200	5	4-5	5-6	+	-	-	+	-	-	-	-	+	+
Pigment yellow 2G PA1300	P.Y.14			200	5	4-5	5	+	-	-	+	-	-	+	-	-	+
Pigment yellow 83 LOP1000	P.Y.83			200	5	4-5	5-6	+	o	-	+	-	-	-	-	+	+
Pigment yellow fast P1001	P.Y. 62			240	5	5	7	+	+	o	+	-	-	+	+	-	+
Pigment yellow fast 4R P1301	P.Y. 191			290	5	5	7	+	+	+	+	o	-	+	+	-	+
Lake orange gr.B	P.O.17			270	5	4-5	4	+	+	o	o	-	-	-	-	-	+
Pigment orange Y	P.O.13			200	4-5	3-4	5-6	+	-	-	+	-	-	+	-	+	+
Pigment orange R gr.B LP2300	P.O.34			200	4-5	4-5	5	+	-	-	+	-	-	+	-	+	+
Lake red BC gr.B P3600	P.R.48:2			240	5	4-5	5	+	+	o	+	-	-	+	-	-	+
Lake red 48:3	P.R.48:3			260	5	5	6	+	+	o	+	-	-	+	-	-	-
Lake red YB POL3102	P.R.53:1			240	5	4-5	4-3	+	+	o	o	-	-	-	-	-	+
Lake red YB POL3100	P.R.53:1			240	5	4-5	4-3	+	+	o	o	-	-	-	-	-	+
Lake rubine BC gr.B PA4603	P.R. 57:1			250	5	4-5	5-4	+	+	o	+	-	-	+	-	-	+
Lake rubine BC gr.B PA4601	P.R. 57:1			250	5	4-5	5-4	+	+	o	+	-	-	+	-	-	+
Lake rubine BC gr.B PA4600	P.R. 57:1			250	5	4-5	5-4	+	+	o	+	-	-	+	-	-	+
Pigment blue phthalocyanine β-mod 15:3 gr. A LO7000	P.B.15:3			280	5	5	7	+	+	+	+	-	+	+	-	-	+
Pigment blue phthalocyanine β-mod 15:3 gr. AP LP7000	P.B.15:3			280	5	5	7	+	+	+	+	+	+	-	-	-	+
Pigment green gr.B P8000	P.G. 8			250	5	4-5	6	+	+	o	+	-	-	+	-	-	+

PIGMENTS FOR PRINTING INKS

Product Name & Code	Color Index	Mass tone	Tint 1:10	Lightfastness Full shade	Application			Fastness to:									
					Offset printing	Inks on solvent based	Inks on water based	Distilled water	5% p-py HCl	5% p-py NaOH	Ethanol	Toluene	Ethyl acetate	white-sprite	Linseed oil	Castor oil	Dibutyl phthalate
<i>Pigment Yellow transparent 2«G» O1310</i>	P.Y.74			6	-	+	-	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4
<i>Pigment Yellow transparent 2«G»</i>	P.Y.74			5-6	-	+	-	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4
<i>Pigment Yellow 2R gr.A O1300</i>	P.Y.13			5-6	+	-	-	5	5	4-5	4-5	4-5	4-5	5	5	5	4-5
<i>Pigment Yellow 2R gr.B L1303</i>	P.Y.13			5-6	-	-	+	5	5	5	5	3-4	4	5	5	5	4
<i>Pigment Yellow 2«G» PA1300</i>	P.Y.14			5	-	-	+	5	5	4-5	5	4-5	4-5	5	5	5	4
<i>Pigment Yellow transparent R O1300</i>	P.Y.12			5	+	-	-	5	5	4-5	5	4	3-4	5	5	5	3-4
<i>Pigment Yellow transparent R P1300</i>	P.Y.12			5	-	-	+	5	5	4-5	5	4	3-4	5	5	5	3-4
<i>Pigment Yellow transparent O</i>	P.Y.63			6	+	-	-	5	5	4-5	5	5	5	5	5	5	5
<i>Pigment Orange Y</i>	P.O.13			5	+	-	+	4-5	4-5	4-5	4	4	3	4-5	4	4	3
<i>Pigment Orange R gr.A O2300</i>	P.O.34			5-6	+	+	+	5	4-5	4-5	4-5	5	5	5	4-5	5	3-4
<i>Pigment Orange NC</i>	P.O.34			5-6	-	+	-	5	5	4-5	5	5	5	4-5	-	-	-
<i>Pigment Scarlet 2B LA3601</i>	P.R.2			6	-	-	+	5	5	3-4	4	1	2	2	1	3	2
<i>Pigment Scarlet Y</i>	P.R.4			5	-	+	+	5	4-5	4	3	2	2	4	3	3-4	2
<i>Pigment bright red 2B LOA3600</i>	P.R.112			5-6	+	+	+	5	4-5	4	4	3	3	3-4	2	2-3	2-3
<i>Pigment Red 5B gr.A LA3602</i>	P.R.170:1			5-6	+	-	+	5	5	4-5	4-5	5	4	4-5	4	4	4
<i>Lake red YB gr.A POL3102</i>	P.R.53:1			3	+	-	+	5	5	3-4	3-4	4	4-5	5	4-5	-	-
<i>Lake rubine 2BC O4600</i>	P.R.57:1			6	+	-	-	4-5	4	2	4-5	4	4	5	4	3-4	3
<i>Lake Base Pink</i>	P.R.81			6	+	-	-	5	4-5	4	1	3-4	2	5	3	4	3
<i>Lake Base Red 4B</i>	P.V.2			5	+	-	-	4-5	4	2	1	2	2	2	2-3	2-3	2
<i>Lake Base Violet</i>	P.V.3			5	+	+	-	5	1	4-5	2	4	2	5	5	5	4
<i>Lake Base Violet 2B</i>	P.V.27			3	+	-	+	5	2	4-5	1	5	4	5	-	-	-
<i>Lake Base Green</i>	P.G.1			4	+	-	-	5	2	4-5	2	3	-	5	5	-	-
<i>Lake Base Blue R</i>	P.B.1			5	+	-	+	5	1	4	1	4	3	5	4	5	3
<i>Pigment blue phthalocyan. β-mod gr.A O7000</i>	P.B.15:3			7-8	+	-	-	5	5	5	5	5	5	5	5	5	5
<i>Pigment blue phthalocyan. β-mod gr.A LO7000</i>	P.B.15:3			7-8	+	-	+	5	5	5	5	5	5	5	5	5	5
<i>Pigment blue phthalocyan. β-mod gr.A (NC) O7000</i>	P.B.15:3			7-8	-	+	-	5	5	5	5	5	5	5	5	5	5
<i>Pigment blue phthalocyan. β-m. 15:4 gr.A (NC) O7000</i>	P.B.15:4			7-8	-	+	-	5	5	5	5	5	5	5	5	5	5
<i>Pigment Green gr.B A8000</i>	P.G.8			4-5	+	-	+	4	4	4	3	4-5	3	5	5	5	5

PIGMENTS FOR PAINTS

roduct Name & Code	Color Index	Mass tone	Tint 1:10	Application				Fastness to migration	Oil-absorption	Light fastness		Fastness to:								
				Decorative paints	Industrial paints	Powder Coatings	Pigment dispersions			Full shade	1:10TiO ₂	5% solution NaOH	5% solution HCl	methyl ethyl ketone	benzene	kxylene	ethylacetate	butyl acetate	white-sprite	bytanol
Pigment yellow fast light gr.A LA1302	P.Y.1			+	+	-	+	5	45	7	6	5	5	2-3	3	3-4	3	2-3	5	3
Pigment yellow fast light gr.B LP1300	P.Y.1			+	-	-	-	5	32	7	6	5	5	2-3	3	3	3	2-3	5	3
Pigment yellow 4R OLA1300	P.Y.2			+	+	-	+	4	45	6-7	5-6	4	4-5	3-4	2	3-4	4	4	4-5	5
Pigment yellow fast light 2G gr.A LOA1000	P.Y.3			+	+	-	+	5	47	7	6	5	5	2	3	3-4	3	3	4-5	3
Pigment yellow 2R gr.B L1302	P.Y.13			+	-	-	-	4-5	36	6	5-6	4	5	4	4-5	4	4-5	4-5	5	4-5
Pigment yellow 2R gr.B L1303	P.Y.13			-	+	-	+	4	45	6	5-6	5	5	3-4	3	3-4	5	5	5	5
Pigment yellow 2G LA1301	P.Y.14			+	-	+	-	4	39	6	5-6	4-5	5	4	4	4	4	4	4	4
Pigment yellow fast L1002	P.Y.62			+	+	+	-	5	55	7	6-7	3	5	4-5	4-5	4-5	4-5	4-5	5	5
Pigment yellow opaque 2G L1300	P.Y.74			+	+	-	+	4-5	37	6	5-6	5	5	3	3-4	4	3-4	4	5	5
Pigment yellow 83	P.Y.83			+	+	+	+	4	55	5-6	5-6	5	5	4	4-5	3-4	4-5	4-5	5	5
Pigment orange Y	P.O.13			+	-	-	+	4-5	55	5	4	4-5	4-5	4	3	3	4	4	4-5	4
Pigment orange R gr.B LP2300	P.O.34			+	+	+	+	4	56	5-6	5	4-5	5	3	4-5	4	5	4	5	4-5
Pigment scarlet 2B LA3601	P.R.2			+	-	-	+	2-3	50	6	5-6	3-4	5	2	2	1	2	2	2	3
Pigment scarlet conc.	P.R.3			+	-	-	-	3	60	6-7	3-4	4	5	2	2	2-3	3	2-3	4	3

PIGMENTS FOR PAINTS

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				Decorative paints	Industrial paints	Powder Coatings	Pigment dispersions			Full shade	1:10TiO ₂	5% solution NaOH	5% solution HCl	methyl ethyl ketone	benzene	xylylene	ethylacetate	butyl acetate	white-sprite	butanol
Pigment scarlet	P.R.3			+	-	-	-	4	53	6	3-4	4-5	4-5	2	3	3-4	2-3	3	4	3
Pigment scarlet Y	P.R.4			+	-	-	-	3	53	5-6	5	4	4-5	2	2	2	2	3	4	3
Lake red BC gr.B LP3601	P.R.48:2			+	-	-	-	4	51	6	5-6	4	4	3-4	4	4-5	3-4	3-4	5	4-5
Lake red BM gr.A	P.R.48:4			+	-	-	-	3	46	5-6	4	2	4-5	3-4	3	3	3	3	4	3
Lake red YB gr.A POL3102	P.R.53:1			+	-	+	-	3	45	3	2-3	3-4	5	4	4-5	4-5	4-5	5	5	5
Lake rubine BC gr.B PA4601	P.R.57:1			+	-	+	-	5	54	5-6	5	2	4	5	5	4-5	5	5	5	5
Pigment bright red 2B	P.R.112			+	+	-	+	4	54	6	5	4-5	5	2-3	2	2-3	3	3	4	3-4
Pigment red 5B gr.A LA3602	P.R.170:1			+	+	-	+	5	56	6	5-6	5	5	5	5	5	5	5	5	5
Pigment blue phthalocyan. β-mod 15:3 gr.A LO7000	P.B.15:3			+	+	-	+	5	42	7-8	7	5	5	5	5	4-5	5	5	5	5
Pigment blue phthalocyan. β-mod 15:3 gr.B LA7000	P.B.15:3			+	+	-	-	5	42	7-8	7	5	5	5	5	4-5	5	5	5	5
Pigment blue phthalocyan. β-mod 15:3 gr.BF	P.B.15:3			+	+	+	-	5	42	7-8	7	5	5	5	5	4-5	5	5	5	5
Pigment blue phthalocyan. β-mod 15:3 gr.B L7002	P.B.15:3			-	-	-	+	5	42	7-8	7	5	5	5	5	4-5	5	5	5	5
Pigment green gr.B L8001	P.G.8			+	-	-	+	5	52	7	4-5	4	4	3	4-5	5	3	3	5	5