

100%

2 "3"

2

2 "3"

12.

13.

This booklet suggests Organic Pigments and Lacquers for printing inks produced at "Pigment". The pigments are supplied in the form of 100% powders in a wide range of colours including Yellow, Orange, Red, Violet, Blue and Green.

Pigments have excellent tinting strength, transparency, good rheological properties, well dispersible during printing ink preparation and stable to chemical reagents solvents, binding agents and plastifiers.

Except traditional products we include the pigments that were produced last year under modern technologies. They are: Pigment Yellow Lightfast M, Yellow Transparent 2"Z", Yellow Transparent 2"Z"-PU, Pigment Orange Fast, Pigment Bright-Red 2"S", lacquer Red stock and other Ruby Pigments/The main feature of these new pigments is their treatment by Surface-Active Agents during synthesis, that extremely improves its affinity with binding agents applied in different printing inks.

This booklet offers the perspective products that will be manufactured in the nearest future, such as Yellow 12, Yellow 13

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	Pigment	Colour Index	Fastness to:											Application			
			Lights	Distilled water	HCl 5%	NaOH 5%	Ethanol	Toluene	Ethylacetate	White-sprite	Linseed oil	Castor oil	Dibutylphthalat	Offset	Photogravere	Printing on packaging	Printing on packaging
	2" "	Pigment yellow 3	6-7	5	5	5	4	3	3	4-5	5	5	3-4	+	-	-	+
	Pigment yellow fast light 2G	Pigment yellow 1	6-7	5	5	4-5	4	3	3	5	4-5	5	4	+	-	-	+
	2" "	Pigment yellow 74	6	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4	+	-	+	±
	Pigment yellow 2G transparent	Pigment yellow 74	6	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4	-	-	-	+
	2" "	Pigment yellow 74	6	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4	-	-	-	+
	Pigment yellow 2G opaque	Pigment yellow 74	6	5	4-5	4	3-4	3	4	5	4-5	4-5	3-4	-	-	-	+
	"K"	Pigment yellow TR	5-6	5	5	4-5	5	4-5	4-5	-	5	5	-	+	-	-	-
	Pigment yellow TR	Pigment yellow 13	5-6	5	5	4-5	5	4-5	4-5	-	5	5	-	+	-	-	-
	" "	Pigment yellow TG	5-6	5	5	4-5	5	4-5	4-5	-	5	5	5	+	-	-	-
	Pigment yellow TG	Pigment yellow 13	5-6	5	5	4-5	5	4-5	4-5	-	5	5	5	+	-	-	-
	2" "	Pigment yellow 2G	5	5	5	4-5	5	4-5	4-5	-	5	5	4	+	-	-	+
	Pigment yellow 2G	Pigment yellow 14	5	5	5	4-5	5	4-5	4-5	-	5	5	4	+	-	-	+
	" "	Pigment yellow 12	5	5	5	4-5	5	4	3-4	5	5	5	3-4	+	-	-	-
	Pigment yellow transparent	Pigment yellow 12	5	5	5	4-5	5	4	3-4	5	5	5	3-4	+	-	-	-
	" "	Pigment yellow 63	6	5	5	4-5	5	5	5	5	5	5	5	+	-	-	-
	Pigment yellow transparent "	Pigment yellow 63	6	5	5	4-5	5	5	5	5	5	5	5	+	-	-	-
	5	Pigment yellow 5K	5-6	5	5	5	4-5	4	4	5	5	4	5	+	-	+	+
	Pigment yellow 5K	Pigment yellow 83	5-6	5	5	5	4-5	4	4	5	5	4	5	+	-	+	+
	Pigment orange G	Pigment orange 13	5	4-5	4-5	4-5	4	4	3	4-5	4	4	3	+	-	-	+
	Pigment orange G	Pigment orange 13	5	4-5	4-5	4-5	4	4	3	4-5	4	4	3	+	-	-	+
	Pigment orange K	Pigment orange 34	5-6	5	4-5	4-5	4-5	5	5	5	4-5	5	3-4	+	-	+	-
	Pigment orange K	Pigment orange 34	5-6	5	4-5	4-5	4-5	5	5	5	4-5	5	3-4	+	-	+	-
	34 wb	Pigment orange 34	5-6	5	5	4-5	4-5	-	5	-	-	-	-	-	-	-	+
	Pigment orange 34 wb	Pigment orange 34	5-6	5	5	4-5	4-5	-	5	-	-	-	-	-	-	-	+
	Pigment scarlet G	Pigment red 4	5	5	4-5	4	3	2	2	4	3	3-4	2	+	-	-	+
	Pigment scarlet G	Pigment red 4	5	5	4-5	4	3	2	2	4	3	3-4	2	+	-	-	+
	Pigment scarlet conc.	Pigment red 3	5	5	5	4	3	2-3	2	4	3-4	3-4	2	+	-	-	+
	Pigment scarlet conc.	Pigment red 3	5	5	5	4	3	2-3	2	4	3-4	3-4	2	+	-	-	+
	2	Pigment scarlet 2S	6	5	5	3-4	4	1	2	2	2	3	2	+	-	-	+
	Pigment scarlet 2S	Pigment red 2	6	5	5	3-4	4	1	2	2	2	3	2	+	-	-	+
	4	Pigment bright red 4G	6	5	5	4-5	4-5	2	1	3-4	2	3	1-2	+	-	-	+
	Pigment bright red 4G	Pigment red 9	6	5	5	4-5	4-5	2	1	3-4	2	3	1-2	+	-	-	+
	2	Pigment bright red 2S	5-6	5	4-5	4	4	3	3	3-4	2	2-3	2-3	+	-	+	+
	Pigment bright red 2S	Pigment red 112	5-6	5	4-5	4	4	3	3	3-4	2	2-3	2-3	+	-	+	+
	5	Pigment red 5S	5-6	5	5	4-5	4-5	5	4	4-5	4	4	4	+	-	-	+
	Pigment red 5S	Pigment red 170:1	5-6	5	5	4-5	4-5	5	4	4-5	4	4	4	+	-	-	+
	CK	Pigment red SK	5-6	5	4-5	4-5	5	4	3-4	5	5	4	4	+	-	+	-
	Pigment red SK	Pigment red 48:2	5-6	5	4-5	4-5	5	4	3-4	5	5	4	4	+	-	+	-
	Pigment red GB	Pigment red 53:1	2-3	5	4-5	3-4	4	4-5	4-5	5	4-5	5	5	+	-	+	+
	Pigment red GB	Pigment red 53:1	2-3	5	4-5	3-4	4	4-5	4-5	5	4-5	5	5	+	-	+	+

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			Lights	Distilled water	HCl 5%	NaOH 5%	Ethanol	Toluene	Ethylacetate	White-sprite	Linseed oil	Castor oil	Dibutylphthalat	Offset	Photogravere	Printing on packaging	Printing on packaging
	2CK	Pigment red 57:1	6	4-5	4	2	4-5	4	4	-	4	3-4	3	+	-	-	-
	Pigment rubine 2S	Pigment red 57:1	6	4-5	4	2	4-5	4	4	-	4	3-4	3	+	-	-	-
	2 -PG	Pigment red 57:1	4-5	4-5	4-5	3	5	5	5	-	5	5	5	-	+	-	-
	Pigment rubine 2S -PG	Pigment red 57:1	4-5	4-5	4-5	3	5	5	5	-	5	5	5	-	+	-	-
	6	Pigment red 57:1	5	4-5	4-5	2	4	-	4	4-5	4	4	4	+	-	-	-
	Pigment rubine 6SK	Pigment red 57:1	5	4-5	4-5	2	4	-	4	4-5	4	4	4	+	-	-	-
	6 -PG	Pigment red 57:1	5	4-5	4-5	2	4	4	4	-	-	-	-	+	-	-	-
	Pigment rubine 6SK-PG	Pigment red 57:1	5	4-5	4-5	2	4	4	4	-	-	-	-	+	-	-	-
	Pigment base pink	Pigment red 81	6	5	4-5	4	1	3-4	-	5	3	4	3	+	-	-	-
	Pigment base pink	Pigment red 81	6	5	4-5	4	1	3-4	-	5	3	4	3	+	-	-	-
	4	Pigment violet 2	5	4-5	4	2	1	2	2	2	2-3	2-3	2	+	-	-	-
	Pigment base red 4S	Pigment violet 2	5	4-5	4	2	1	2	2	2	2-3	2-3	2	+	-	-	-
	Pigment base violet	Pigment violet 3	5	5	1	4-5	2	4	2	5	5	5	4	+	-	-	-
	Pigment base violet	Pigment violet 3	5	5	1	4-5	2	4	2	5	5	5	4	+	-	-	-
	2	Pigment violet 27	3	5	2	4-5	1	-	-	-	-	-	-	+	-	-	-
	Pigment base violet 2S	Pigment violet 27	3	5	2	4-5	1	-	-	-	-	-	-	+	-	-	-
	Pigment base blue K	Pigment blue 1	5	5	1	4	1	4	3	5	4	5	3	+	-	-	-
	Pigment base blue K	Pigment blue 1	5	5	1	4	1	4	3	5	4	5	3	+	-	-	-
	2	Pigment blue 1	3	5	1	4	1	-	-	-	-	-	-	+	-	-	-
	Pigment base blue 2K	Pigment blue 1	3	5	1	4	1	-	-	-	-	-	-	+	-	-	-
	/	Pigment blue 15:3	7	7	5	5	5	5	5	5	5	5	5	+	-	-	+
	Pigment phthalo blue	Pigment blue 15:3	7	7	5	5	5	5	5	5	5	5	5	+	-	-	+
	Pigment base green	Pigment green 1	4	5	2	4-5	2	3	-	5	5	-	-	+	-	-	-
	Pigment base green	Pigment green 1	4	5	2	4-5	2	3	-	5	5	-	-	+	-	-	-
	Pigment green	Pigment green 8	4-5	4	4	4	3	4-5	3	5	5	5	5	±	-	-	±
	Pigment green	Pigment green 8	4-5	4	4	4	3	4-5	3	5	5	5	5	±	-	-	±

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Lightfastness: the estimation was made by 8-numbers blue scale, STANDARD 11279.2-83.

Reagent Resistance: Estimation was made by the comparison of colour intensity of chromatographic paper after submergence in reagent per 5-number grey scale, STANDART 11279.4-83.

Resistance to Binding agents and plastifiers: Estimation was made by contrast comparison of binding agent or plastifier run out and colour of run-out of paste made on same binder or plastifier per 5-number grey scale (STANDARD 11279.3-83).

Application: in this column we indicate what kinds of printing inks the pigments are used with.