



Permanent Lake Red LCY

Pigment Red 53:1

Permanent Lake Red LCY is a clean, yellow shade Barium laked beta-naphtol pigment. It exhibits, especially in solvent based systems, high transparency and good rheological properties. Recommended for paste inks as well as for solvent- and water based packaging gravure and flexographic printing inks.



Benefits

- Tinctorial strength and gloss
- High transparency
- Good rheological properties

Product Data

Physical Data

Density	[g/cm ³]	1.80
pH-value		-
Specific surface	[m ² /g]	64
Average particle size	[nm]	100

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Accept

Oil absorption

[ml/100g]

54

Fastness Data**Staining of the test medium by:**

Test Medium	Powder pigment	Print / draw-down	Change of the print
Solvent mixture	3-4	4-5	5
Ethanol	4	5	5
Ethyl acetate	4	5	5
MEK	3-4	4-5	5
Toluene	4	5	5
White spirit	4-5	5	5
DOP	4-5	5	-
Paraffine	4	5	-
Butter	-	4-5	-
Soap	-	3	3
Alkali	-	5	4-5
Acid	-	4-5	3
Heat stability	10 min.	200°C	
	30 min.	180°C	
Light fastness		10.0%	2
Light fastness	1/3 SD	10.0%	2
Silver laquer	5		



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2

4.5

Applications

Recommended for

Paste inks



Sheetfed	■
Heatset	■
Coldset	■
Silkscreen	-
Metal deco	●
UV curing (Offset)	●

Liquid inks

NC alcohol	●
NC acetate	●
Waterbased	■
Polyvinyl butyral	■
Polyamide	-
Pub gravure, Toluene	●
Decorative laminates	-
UV curring (Flexo)	●

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- highly recommended
- recommended
- limited suitability
- not tested



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