



## Permanent Red LB 01

### Pigment Red 48:2

Permanent Red LB 01 is a yellowish, transparent calcium laked beta-Naphthol pigment in the Rubine shade and is highly recommended for solvent based packaging gravure inks, it is also suitable for paste inks, water based flexographic printing inks as well as for UV curing systems. It exhibits very good all-round fastness properties.



## Benefits

- Tinctorial strength and gloss
- High colour strength
- Good allround fastness properties

## Product Data

### Physical Data

Density	[g/cm <sup>3</sup> ]	1.70
pH-value		-
Specific surface	[m <sup>2</sup> /g]	62.2
Average particle size	[nm]	75

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Accept

Oil absorption

[ml/100g]

66

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

<b>Test Medium</b>	Powder pigment	Print / draw-down	Change of the print
Solvent mixture	4	-	-
Ethanol	4-5	-	-
Ethyl acetate	4-5	-	-
MEK	4	-	-
Toluene	4-5	-	-
White spirit	5	-	-
DOP	5	-	-
Paraffine	5	5	-
Butter	-	5	-
Soap	-	2	2
Alkali	-	4-5	5
Acid	-	2	2
Heat stability	10 min.	180°C	
	30 min.	180°C	
Light fastness		5.0%	4
Light fastness		10.0%	5
Silver laquer	-		



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## 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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