

Product Data Sheet

Pigments

Hansa Yellow 10G for Printing

Pigment Yellow 3

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Product ID: 104885

Product Description

Hansa Yellow 10G is a very green shade, opaque monoazo pigment. It exhibits good light- and weather fastness properties. Recommended for paste inks as well as for solvent- and water based packaging gravure and flexographic printing inks.

Benefits

- Good light- and weather fastness properties
- Very good rheological properties

Product Data

Physical Data

Density	[g/cm ³]	1.58
pH-value		-
Specific surface	[m ² /g]	11
Average particle size	[nm]	405
Fineness of grind	[µm]	-
Viscosity	[Pa.s]	-
Oil absorption	[ml/100g]	59

Fastness properties

Staining of the test medium by:

Test medium	Powder pigment	Print / draw-down	Change of the print
Solvent mixture	3-4	4-5	4
Ethanol	4	4-5	5
Ethyl acetate	3-4	4	1
MEK	3-4	4	1
Toluene	3	4	1
White spirit	4	4-5	5
DOP	4	5	-
Paraffine	4	4-5	-
Butter	-	4-5	-
Soap	-	5	5
Alkali	-	5	5
Acid	-	5	5

Heat stability	10 min.	<140°C
	30 min.	<140°C

Light fastness	1/3 SD	19.9 %	6-7
Light fastness		10.0%	6

Silver laquer	2	
Sterilization	Water phase	Steam phase

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)	■

- highly recommended
- recommended
- limited suitability
- not tested

Safety and MSDS

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