



Check

OVERVIEW

Date:
30/12/09

Time:
9:34:48 PM



JAMNIK

Technical Data

1

Specification:
PSO

Wedge:
GMG unified wedge FOGRA39

2

Printing machine:

Printing type

Measurement conditions:
D50 (ISO norm)/2°-ANSI E-Paper white

3

Paper:

Paper type:

Paper weight (g/m²):

4

Inks:


Printing sequence:
KCMY

5

Note:


Status Overview

Densities 

Trapping 

TVI/Spread 

Grey balance 

Primaries 

Paper 

1 Specifications
With reference to relevant standards ISO 13655 for colorimetry and ISO 14981 for densitometry the following conditions are respected:

1.1 Colorimetry
Geometry 0/45 or 45/0, 2 observer, D50 illuminant, CIELAB color space
White background for inking series and black or white (substrate) backing,
in remaining check.
Black backing for production printing on non opaque surface.

1.2 Densitometry
Geometry 0/45 or 45/0, polarizing filter, narrow-band filter, black
or white (substrate) backing.



For further information, check "Details"



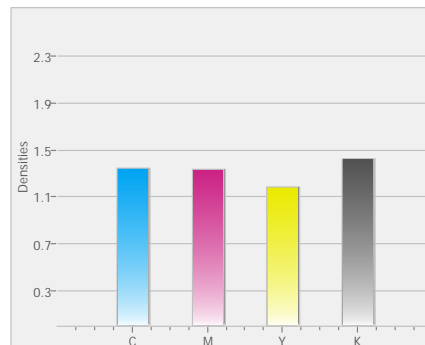
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Specification:
Fogra39/PSO



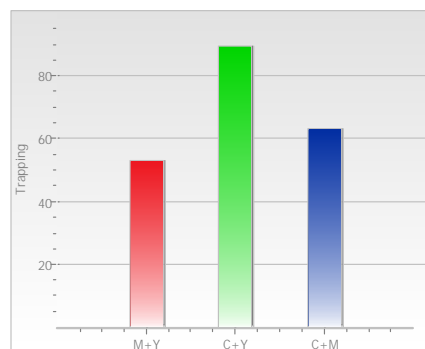
SID - Solid Ink Densities

	Min	Max	Measured
C	0.00	0.00	1.34
M	0.00	0.00	1.33
Y	0.00	0.00	1.18
K	0.00	0.00	1.43



Trapping

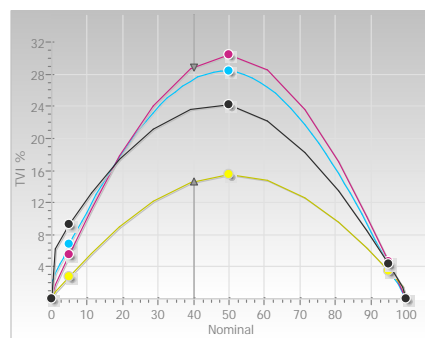
	Aim	Density 1	Density 2	Trapping
M+Y	0%	1.33 (M)	1.18 (Y)	53%
C+Y	0%	1.34 (C)	1.18 (Y)	89%
C+M	0%	1.34 (C)	1.33 (M)	63%



TVI - Tone Value Increase and Spread

Legend: N - Nominals, A - Aims, M - Measured, - Differences

	N	A	M		N	A	M		
C	5%	2.0	6.7	4.7	M	5%	2.0	5.4	3.4
	25%	9.3	21.1	11.8		25%	9.3	21.6	12.3
	50%	14.3	28.4	14.1		50%	14.3	30.5	16.2
	75%	12.3	19.4	7.1		75%	12.3	21.1	8.8
	95%	3.4	4.1	0.7		95%	3.4	4.6	1.2
Y	5%	2.0	2.8	0.8	K	5%	3.0	9.3	6.3
	25%	9.3	10.9	1.6		25%	12.1	19.7	7.6
	50%	14.3	15.5	1.2		50%	17.0	24.1	7.1
	75%	12.3	11.4	-0.9		75%	13.4	16.5	3.1
	95%	3.4	3.5	0.1		95%	3.5	4.3	0.8
Spread	4.0	14.3							





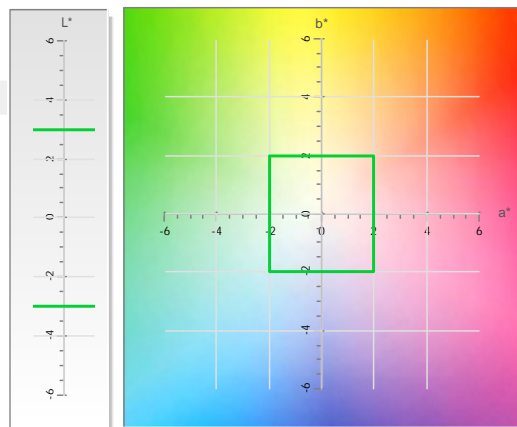
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Fogra39/PSO



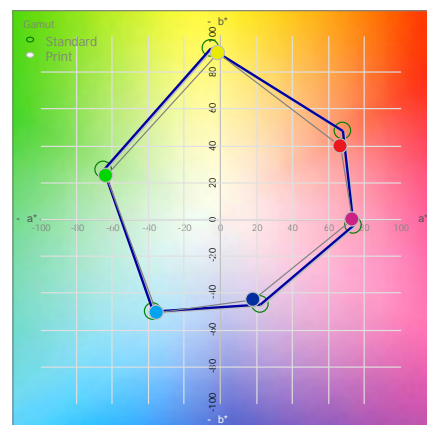
Grey balance

	Aim	Measured	E* Tol	E*
1/4	0.0/0.0/0.0	0.0/0.0/0.0	3.0	?
1/2	56.9/0.5/0.1	0.0/0.0/0.0	3.0	?
3/4	0.0/0.0/0.0	0.0/0.0/0.0	3.0	?



Primaries and Secondaries

	Reference	Measured	h*	E*
C	55.0/-37.0/-50.0	55.6/-35.2/-50.8	1.8	2.0
M	48.0/74.0/-3.0	47.8/73.2/0.0	2.3	3.1
Y	89.0/-5.0/93.0	87.7/-1.4/90.3	2.2	4.6
K	16.0/0.0/0.0	20.8/1.6/2.6	NA	5.6
M+Y	47.0/68.0/48.0	48.1/66.9/40.0	4.4	8.2
C+Y	50.0/-65.0/27.0	46.7/-63.2/23.8	1.9	4.9
C+M	24.0/22.0/-46.0	27.3/18.3/-43.6	2.8	5.5



Paper

Aim	Measured	E*
95.0/0.0/-2.0	94.7/0.8/-1.6	0.9

