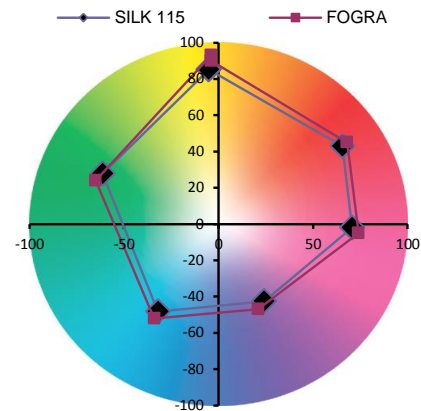


PAPER OPTICAL PROPERTIES According to DIN ISO 12647-2 standard

Colour values for 2S COATED SILK (CAI 273)

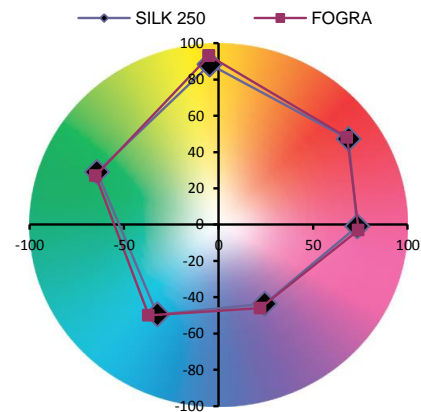
Values for substances $\geq 90 \leq 150$ gsm

Colour	L*	a*	b*	(ΔE)	Tolerance
Cyan	56,6	-33,9	-48	4,31	5
Magenta	45,4	72,4	-3,4	2,77	5
Yellow	85,7	-4	86,6	3,64	5
Black	14,3	1,5	2,2	3,16	5
Red	44,9	65,9	43	3,58	6
Green	50,3	-61,2	27,8	5,53	6
Purple	24,1	24,4	-42,2	5,95	6
Bal. Grey 25%	76,72	0,89	-2,12	0,96	2
Bal. Grey 50%	59,32	-0,2	-0,93	1,19	2
Bal. Grey 75%	41,01	-0,12	-1,01	0,8	2



Values for substances $> 150 \leq 350$ gsm

Colour	L*	a*	b*	(ΔE)	Tolerance
Cyan	56,9	-34,7	-50,2	2,71	5
Magenta	46,1	75,4	-1,3	4,06	5
Yellow	87,8	-5,2	90,1	1,45	5
Black	17,1	1,9	3,4	4,05	5
Red	45,7	69,1	47,1	2,70	6
Green	50,4	-64,5	29,2	5,41	6
Purple	22,8	23,4	-42,4	5,64	6
Bal. Grey 25%	76,2	-0,3	-2,5	1,82	2
Bal. Grey 50%	59,13	-0,25	-0,9	1,37	2
Bal. Grey 75%	40,72	-0,6	-1,39	0,71	2



Comments:

This procedure has been proofed by Procograf, S.L. (agency accredited by Fogra for the DIN ISO 12647 standard).

The values are real and have been obtained

- Standard offset printing process, 5 colours, size 70x100cm
- Offset inks DIN ISO 2846-1 certified
- Wet conditions without any isopropyl alcohol
- Colorimetric measurement made with XRite 528, D50, 2°, per DIN ISO 13655

Recommendations:

Use reference values of Fogra 51 (www.fogra.org)

The paper is well adapted to standard profiles, it is not necessary to create a specific profile

To test printing conditions, use either ISO coated v2 or ISO coated v2 300 standards (www.eci.org)

For dot gains in the print, use as targets the A for CMY and the B for the black (per DIN ISO 12647-2)

Last updated Apr-2018