

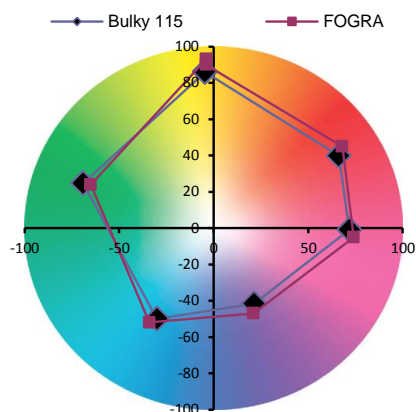
PAPER OPTICAL PROPERTIES

According to DIN ISO 12647-2 standard

Colour values for 2S COATED MATT BULKY (CAI 275)

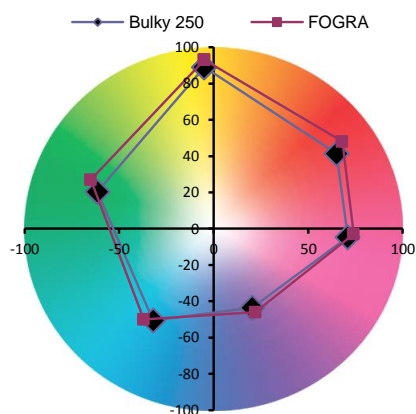
Values for substances $\geq 90 \leq 150\text{gsm}$

Colour	L*	a*	b*	(ΔE)	Tolerance
Cyan	56,4	-30	-50	4,69	5
Magenta	47,5	71,7	-1	4,64	5
Yellow	87,1	-4,6	86	4,05	5
Black	18,7	1,6	3,1	4,41	5
Red	46,3	66,2	39,8	5,55	6
Green	48,9	-69,1	24,6	4,14	6
Purple	25,6	21,3	-41,7	5,34	6
Bal. Grey 25%	75.9	0.97	-1,67	1,87	2
Bal. Grey 50%	58.98	-0.3	-0.75	1,53	2
Bal. Grey 75%	40.35	-0.43	-0.45	1,44	2



Values for substances $> 150 \leq 350\text{gsm}$

Colour	L*	a*	b*	(ΔE)	Tolerance
Cyan	57	-32	-50,5	3,20	5
Magenta	49,1	70,9	-4,7	3,76	5
Yellow	89,1	-5	89	2,53	5
Black	19,3	1,3	2,3	4,23	5
Red	49,3	65	41,4	5,22	6
Green	51,8	-61,5	20,3	5,81	6
Purple	28,2	20,4	-43,6	4,71	6
Bal. Grey 25%	78.66	0,9	-1,25	1,42	2
Bal. Grey 50%	61.01	0,68	-1,2	1,15	2
Bal. Grey 75%	42.57	-0,59	-1,15	1,18	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