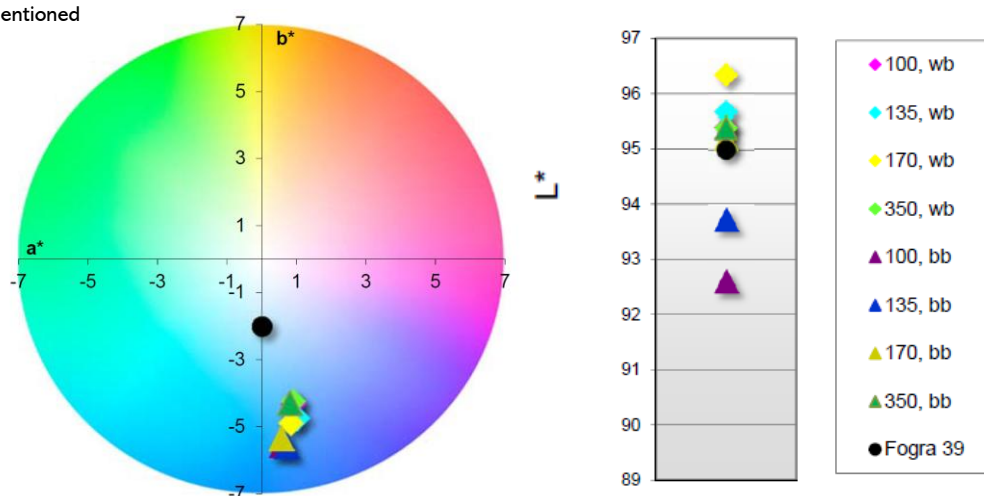


CLARO GLOSS : Prepress Datasheet

OPTICAL PROPERTIES

Grammage	Paper Shade ¹						Opacity	Δ Brightness ²	CIE Whiteness	
	White Backing, wb			Black Backing, bb						
	g/m ²	L*	a*	b*	L*	a*	b*	ISO 2471	ISO 2470	ISO 11475
								R457/D65		
100	95.4	0.9	-4.3	92.6	0.6	-5.5	93	12	126	
135	95.7	1.0	-4.7	93.7	0.7	-5.6	95	12	126	
170	96.3	0.8	-4.9	95.2	0.6	-5.3	97	12	126	
350	95.4	0.9	-4.2	95.4	0.8	-4.3	99	11	123	

Note! Not all grammages are mentioned



Prepress recommendations

Recommendation for printing conditions:	Fogra 39 characterisation data
Recommendation for ICC-profile ³ :	ICC profiles based on Fogra 39 like - ISOcoated v2
Recommendation for max. TAC%:	330 %
Expected tone value increase (TVI, dot gain) ⁴ :	Curve A / ISO 12647-2
Screen ruling	Optimal at 70-80 l/cm, suitable for all existing halftone methods

1) Measured with X-rite Spectroeye, D50, 2° (ISO 13655, M0). Values are only informative!

2) ΔBrightness is difference of Brightness (D65) and Brightness (UV cut). It is an estimate for OBA amount in paper Levels: 0-4 unsubstantial, 4-8 low, 8-12 moderate, 12-> high

3) Customized ICC profiles are available from Antalis on request with modified dot gain, colour gamut, paper shade or conversion characteristics

4) TVI depends also on printing conditions, screening and CTP compensation curve - Sappi can help in TVI adjustments