

# Verbal Paper Matrix

Shade/ Whiteness	Lightness	Hue	Hue	Fluorescence	Paper Gloss	Opacity	Process
Fill in by 4/15	A Lightness	Moderately Reddish White SR2	Strong Yellowish White SY3	High	Very High Shine	6 pt type discernible	
	B Lightness	Very Slightly Reddish White SR1	Moderate Yellowish White SY2	Medium	High Shine	8 pt type discernible	
	C Lightness	White	Slightly Yellowish White SY1	Low	Medium Shine	10 pt type discernible	
	D Lightness	Very Slightly Greenish White SG1	White	None	Low Shine	12 pt type discernible	
	E Lightness	Moderately Greenish White SG2	Slightly Bluish White SB1		No Shine	14 pt type discernible	
	F Lightness		Moderate Bluish White SB2			16 pt type discernible	
	G Lightness		Strong Bluish White SB3			20 pt type discernible	

# Numeric Paper Matrix

Shade / Whiteness	Lightness L*	Hue a*	Hue B*	Fluorescence	Paper Gloss	Opacity	Process
120 - 135	93-95	>1.5	>4.0	>6	71-90	95 and above	
105 - 120	91-93	.5 to 1.5	2.0 to 4.0	4-6	56-70	93 - 95	
90 - 105	89-91	-.5 to .5	.5 to 2.0	2-4	35-55	91 - 93	
75 - 90	87-89	-.5 to -1.5	-.5 to .5	0	21-34	89 - 91	
60 - 75	85-87	<-1.5	-.5 to -2.0		0-20	87.5 - 89	
45 - 60	83-85		-2.0 to - 4.0			86 – 87.5	
30 - 45	81-83		<- 4.0			Below 86	