

PRIMALUX HI-BRITE

Specification sheet



Primalux Hi-brite is a premium quality pigmented paper dedicated to heat set offset colour printing.

Its whiteness and excellent opacity along with a bulk close to 1.10 cm³/g ensures first class print results. It is particularly well suited for publications containing photos.

Primalux Hi-brite is available in both reels and sheets and on request can be adapted for coldset printing.

FSC or PEFC on request

Specifications

Characteristics	Unit	Standard	MSP28WUS	MSP30WUS	MSP32WUS	MSP34WUS	MSP36WUS	MSP39WUS	MSP45WUS	MSP50WUS	MSP60WUS	MSP65WUS
Code												
Grammage	g/cm ²		28	30	32	34	36	39	45	50	60	65
Grammage (USA)	Lbs		18.9	20.3	21.6	23.0	24.3	26.3	30.4	33.8	40.5	43.9
Thickness	µm	ISO 534	34	33	37	38	40	43	50	55	66	72
Bulk	cm ³ /g	-	1.20	1.10	1.15	1.12	1.10	1.10	1.10	1.10	1.10	1.10
PPI	pages/ inch	T 411	1 480	1 545	1 440	1 360	1 280	1 220	1 030	960	760	700
CIE Whiteness		ISO 11475	123	123	123	123	123	123	123	123	123	123
ISO Whiteness	%	ISO 2470	83	83	83	83	83	83	83	83	83	83
Opacity	%	ISO 2471	81	84.5	85	85.5	87	87	88	90	92	93
Absolute humidity	%	NF Q03-03	5.7									
Permanent paper		ISO 9 706	YES									
Optical brightener		-	YES									

Paper tolerances

Grammage: nominal value + / - 1 g/m ²	ISO whiteness minimum: nominal value 1 point
Thickness: + / - 2 µm	ISO opacity minimum: nominal value 1 point
PPI (<i>indicative</i>)	Absolute humidity: + / - 0.5%

Finished goods tolerance

Reels	Sheets		
Width: customer width - 0 mm, + 2 mm	Direction	Dimension (mm)	Tolerances (mm)
Outer diameters of 100 cm, 114 cm or 120 cm: - 3 cm, + 2 cm	Machine direction	0 < D ≤ 1250 1250 < D ≤ 1600	+ or -1 + or -1.25
Joins: maximum of 2 joins per reel with at least 60% of the reels being "joins free"	Cross direction	0 < D ≤ 1150 1150 < D	+ or -1.25 + or -1.5
	Squareness:	- if diagonals ≤ 1000 mm, gap between diagonals ≤ 2 mm - if diagonals > 1000 mm, gap between diagonals < 3 mm	
	Number of sheets / pallet: - 0, + 5		

Minimum making: Quantity required by the mill will be dependent on both the production schedules and the possibilities at the time of the order for a combination of widths to cover the machine deckle.

Please contact your sales representative for more details.

Measurements made on Jumbo rolls according to the Standards and Norms in place at that time.

Validated: 04/09/2015

Qualified by Hervé Brunet-Jailly – Technical Support Manager