

SMOOTH Coldwhite Datasheet

Grammage	ISO 536	g/m2	100	120	150	240	300
Grain direction (source format)	102 x 72		LG	LG	LG	SG	SG
Thickness	ISO 534	µm	115	134	170	272	336
Bulk	ISO 534	cm3/g	1.1	1.1	1.1	1.1	1.1
Roughness Bendtsen	ISO 8791-2	ml/min	130	130	130	130	130
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	109	109	109	109	109
Opacity	ISO 2471	%	94	96	97.5	100	100
Whiteness	ISO 11475	%	157	157	157	157	157
Indigo			guaranteed				
Additional print processes			Toner, Letterpress (300gsm), Offset				
Suitable for preprint			yes	yes	yes		

Tolerances ±

Grammage	ISO 536	g/m2	3	4	4	7	8
Thickness	ISO 534	µm	3	3	5	7	8
Bulk	ISO 534	cm3/g					
Roughness Bendtsen	ISO 8791-2	ml/min	50	50	50	50	50
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	1.5	1.5	1.5	1.5	1.5
Opacity	ISO 2471	%	1	1	1		
Whiteness	ISO 11475	%	3	3	3	3	3

GREEN RESPONSIBILITY

FSC Mix: SGSCH-COC-009212

Production: acid free, 61% renewable energies

vegan

Ageing resistant according to ISO 20494 and ISO 9706

food-safe

SMOOTH White Datasheet

Grammage	ISO 536	g/m2	100	120	160	240	300
Grain direction (source format)	102 x 72		LG/SG	LG/SG	LG/SG	SG	SG
Thickness	ISO 534	µm	130	154	176	300	393
Bulk	ISO 534	cm3/g	1.3	1.3	1.2	1.2	1.3
Roughness Bendtsen	ISO 8791-2	ml/min	110	110	110	110	110
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	110	110	110	110	110
Opacity	ISO 2471	%	92.5	94	97	99	100
Whiteness	ISO 11475	%	148	148	148	148	148
Indigo			possible	suitable	possible	suitable	suitable
Additional print processes			Toner, Letterpress (300g), Offset				
Suitable for preprint			yes	yes	yes		

Tolerances ±

Grammage	ISO 536	g/m2	4	4	4	5	8
Thickness	ISO 534	µm	4	4	4	5	8
Bulk	ISO 534	cm3/g					
Roughness Bendtsen	ISO 8791-2	ml/min	50	50	50	50	50
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	1.5	1.5	1.5	1.5	1.5
Opacity	ISO 2471	%	1	1	1	1	
Whiteness	ISO 11475	%	3	3	3	3	3

GREEN RESPONSIBILITY

FSC Mix: SGSCH-COC-009212

Production: acid free, 61% renewable energies
vegan

Ageing resistant according to ISO 20494 and ISO 9706

food-safe

CO2 (fossil): 480 kg / t

SMOOTH Warmwhite Datasheet

Grammage	ISO 536	g/m2	100	120	150	240	300
Grain direction (source format)	102 x 72		LG	LG	LG	SG	SG
Thickness	ISO 534	µm	130	154	195	307	372
Bulk	ISO 534	cm3/g	1.3	1.3	1.3	1.3	1.25
Roughness Bendtsen	ISO 8791-2	ml/min	110	110	110	110	110
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	89.5	89.5	89.5	89.5	89.5
Opacity	ISO 2471	%	88.5	91	93	96.5	97.5
Whiteness	ISO 11475	%	78	78	78	78	78
Indigo			possible				
Additional print processes			Toner, Letterpress (300g), Offset				
Suitable for preprint			yes	yes	yes		

Tolerances ±

Grammage	ISO 536	g/m2	3	3	5	5	8
Thickness	ISO 534	µm	3	4	5	6	8
Bulk	ISO 534	cm3/g					
Roughness Bendtsen	ISO 8791-2	ml/min	50	50	50	50	50
Smoothness Sheffield	ISO 5627	s					
Brightness	ISO 2471 (D65)	%	2	2	2	2	2
Opacity	ISO 2471	%	1	1	1	1	1
Whiteness	ISO 11475	%	2	2	2	2	2

GREEN RESPONSIBILITY

FSC Mix: SGSCH-COC-009212

Production: acid free, 61% renewable energies

vegan

Ageing resistant according to ISO 20494 and ISO 9706

food-safe

CO2 (fossil): 562 kg / t