

Technical Data Sheet / Specifications

Product Name : Performa White - StoraEnso

Quality/Attributed		Unit	Tolerance	Testing Method	300	350	400
Grammage		g/m ²	±4%	ISO 536	300	350	400
Thickness		micron	±5%	ISO 534	475	585	675
Bending resistance L&W 15°	MD	mN	min. -15%	ISO 2493	535	800	1080
	CD	mN	min. -15%	ISO 2493	243	370	500
Bending moment Taber 15°	MD	mN	min. -15%	ISO 2493	25.8	38.6	52.2
	CD	mN	min. -15%	ISO 2493	11.7	17.9	24.2
Bending stiffness DIN 5°	MD	mNm	min. -15%	-	51.3	78.7	109.8
	CD	mNm	min. -15%	-	22.4	35.9	51.5
Moisture		%	±1, ±5*	ISO 287	8.6	8.9	9.3
ISO Brightness C/2°	Top	%	min. 87	ISO 2470	90	90	90
	Reverse	%	min. 85	ISO 2470	88	88	88
Brightness D65/10°		Top	%	ISO 2470-2	97	97	97
CIE Whiteness D65/10°	Top			ISO 11475	120	120	120
	Reverse			ISO 11475	114	114	114
L*		Top		ISO 5631-2	95	95	95
a*		Top		ISO 5631-2	1.7	1.7	1.7
b*		Top		ISO 5631-2	-7.2	-7.2	-7.2
Surface smoothness PPS 10	Top	micron	max. 1.7	ISO 8791-4	1	1	1
	Reverse	micron	max. 8.4, 9.0****	ISO 8791-4	6.4	6.4	6.4
Gloss 75°		%		ISO 8254-1	45	45	45
Scott Bond		J/m ²	min. 100	TAPPI 569	145	145	145
Edge wicking**		g/mm.m	max. 10	-	0.5	0.5	0.5
Cobb 60	Top	g/m ²	max. 60	ISO 535	30	30	30
	Reverse	g/m ²	max. 60	ISO 535	30	30	30
Robinson chocolate test				EN1230-2	max. 0.5 for one year storage in reels/pallets		

* : For 325 - 400 g/m²

** : For Hardsized

**** : For 350 - 400 g/m²

