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Specifications for Ensocoat 2S:

Property / Unit	Tolerance									Standards
Grammage, g/m ²	±4%	220	240	270	300	350	400	450	500	EN ISO 536:2012
Thickness, µm	±4%	230	255	290	330	400	450	520	600	EN ISO 534:2011
Bending stiffness DIN 5° MD, mNm	-15%	7.2	11.1	16.2	22.1	37.4	55.3	72.3	102.0	
Bending stiffness DIN 5° CD, mNm	-15%	4.0	5.1	7.7	11.1	18.3	26.4	34.0	48.5	
Bending moment Taber 15° MD, mNm	-15%	4.1	6.3	9.2	12.6	21.3	31.4	41.1	58.0	
Bending moment Taber 15° CD, mNm	-15%	2.3	2.9	4.3	6.3	10.4	15.0	19.3	27.5	
Bending resistance L&W 15° MD, mN	-15%	85	130	190	260	440	650	850	1200	ISO 2493-1:2010
Bending resistance L&W 15° CD, mN	-15%	47	60	90	130	215	310	400	570	
Moisture, %		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	EN ISO 287:2009
ISO Brightness C/2°, %		95	95	95	95	95	95	95	95	ISO 2470-1:2009
CIE Whiteness D65/10°		125	125	125	125	125	125	125	125	ISO 11475:2004
L* D65/10°		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	ISO 5631-2:2008
a* D65/10°		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
b* D65/10°		-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	
Surface Smoothness PPS 10, µm	max 1.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	ISO 8791-4:2007
Surface Smoothness Bendtsen, ml/min		20	20	20	20	20	20	20	20	ISO 8791-2:2013
Scott Bond, J/m ²		220	220	220	220	220	220	220	220	TAPPI 569 om-09
Gloss 75°, %		48	48	48	48	48	48	48	48	EN ISO 8254-1:2009

Optical and surface properties valid for both sides

All properties according to Imatra Mill measurements.

Test climate 23°C/50% RH (According to ISO 187). In order to verify, reel/pallet average shall be based on 5 single measurements randomly sampled within the reel/pallet. These averages will be for at least 19 of 20 reels/pallets within the specification limits.

Imatra Mills have certified FSC and PEFC Chain-of-Custody (CoC) systems as well as certified hygiene management system.

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