

Korsnäs AB
26 June 2008

Technical Specification - typical properties

Property		Tolerance	250	270	290	310	330	Method
Basis weight,	g/m ²	±5%	250	270	290	310	330	ISO 536
	Caliper, microns	±6%	360	390	420	445	470	ISO 534
Bending resistance, L&W, 15°	mN							
	√ MDxCD	-20%	215	265	320	380	465	ISO 2493
	MD	-20%	323	395	470	555	675	ISO 2493
	CD	-20%	143	178	218	260	320	ISO 2493
Internal bond strength, J/m ²		min 90	150	150	150	150	150	T 569
Tearing resistance,	mN							
	√ MDxCD		4000	4500	5200	5800	6300	ISO 1974
Compression strength, SCT, kN/m								
	MD		7.5	8.0	8.5	9.0	9.5	ISO 9895
	CD		5.2	5.7	6.1	6.5	6.9	ISO 9895
Brightness,	% ISO							
	TS	± 2	80.5	80.5	80.5	80.5	80.5	ISO 2470
Roughness								
- PPS-10, microns	TS	max 2.8	2.0	2.0	2.0	2.0	2.0	ISO 8791-4
- Bendtsen, ml/min	TS	max 300	120	120	120	120	120	ISO 8791-2
	RS	max 1500* max 1600**	1000	1000	1000	1100	1100	ISO 8791-2
Cobb 60",	g/m ²							
	TS		35	35	35	35	35	ISO 535
	RS		35	35	35	35	35	ISO 535
Moisture content,	%	±1%	7.6	7.7	7.8	7.9	8.0	ISO 287

*) For 250-290g/m²

**) For 310-330 g/m²

- Testing climate: 23°C, 50% RH
- Min/max property values are lower resp. upper limit values for 95% confidence interval of the tested properties and are based on measurements on tambour basis.
- During the converting process, especially the bending stiffness values might be influenced negatively.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.