KORSNÄS

Korsnäs Carry

350 gsm 370 gsm 400 gsm 425 gsm 480 gsm

Korsnäs AB
19 January 2008

Technical Specification - typical properties

Property		Tolerance	350	370	400	425	Tentative Properties 480	Method
Basis weight,	g/m²	±5%	350	370	400	425	480	ISO 536
Caliper,	microns	±5%	500	535	585	625	720	ISO 534
Bending resistance,	mN							
L&W, 15°	√ MDxCD	-20%	560	660	825	975	1345	ISO 2493
	MD	-20%	805	950	1185	1400	1850	ISO 2493
	CD	-20%	390	460	575	680	980	ISO 2493
Internal bond strength,	J/m²	min 100	150	150	150	150	150	T 569
Tearing resistance,	mN							
	√ MDxCD		7200	8000	9100	10200	12000	ISO 1974
Compression strength,	SCT, kN/m							
	MD		10.0	10.4	11.2	11.8	13.1	ISO 9895
	CD		7.3	7.7	8.4	8.9	10.0	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 1700*	1200	1200	1200	1300	1300	ISO 8791-2
		max 1800**						
Cobb 60",	g/m²							
	TS		35	35	35	35	35	ISO 535
	RS		35	35	35	35	35	ISO 535
Moisture content,	%	±1%	8.1	8.2	8.4	8.5	8.5	ISO 287

*) For 350-400 g/m²

**) For 425-480 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 influensed negatively.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.