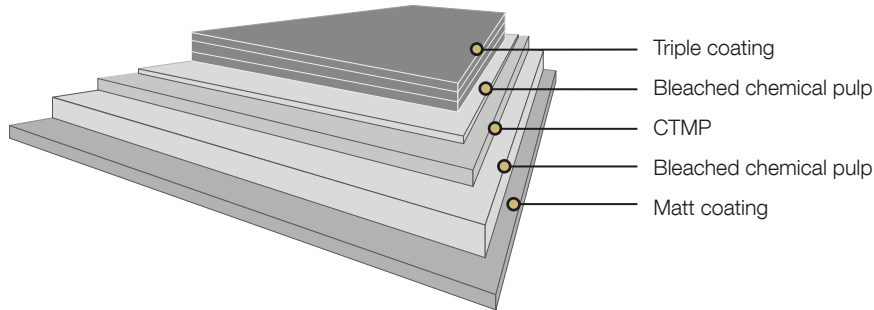


Chromocard HB 240–400

Coated graphical board



ISO 9001

Issued: 07.2011
Cancels: 05.2010

Specifications for Chromocard HB 240–400:

Property / Unit	Tolerance											Standards
Grammage, g/m ²	+3%/-5%	240	260	280	300	315	325	350	370	400	ISO 536	
Thickness, µm	±5%	360	400	440	475	505	535	585	625	675	ISO 534	
Bending stiffness, DIN 5° MD, mNm	-15%	22.8	33.7	43.0	51.3	59.1	66.8	78.7	91.7	109.8	ISO 2493	
Bending stiffness, DIN 5° CD, mNm	-15%	10.0	14.3	18.3	22.4	25.9	30.9	35.9	42.7	51.5		
Bending moment Taber 15° MD, mNm	-15%	12.8	17.0	21.5	25.8	29.3	33.3	38.6	43.5	52.2		
Bending moment Taber 15° CD, mNm	-15%	5.8	7.7	9.8	11.7	13.3	14.0	17.9	19.8	24.2		
Bending resistance L&W 15° MD, mN	-15%	264	353	445	535	608	690	800	900	1080		
Bending resistance L&W 15° CD, mN	-15%	117	160	202	243	276	290	370	410	500		
Moisture, %	±1, ±1.5*	8.0	8.1	8.3	8.6	8.7	8.7	8.9	9.1	9.3	ISO 287	
ISO Brightness C/2°, %, Top	min. 87	90	90	90	90	90	90	90	90	90	ISO 2470	
ISO Brightness C/2°, % Reverse	min. 85	88	88	88	88	88	88	88	88	88		
CIE Whiteness D65/10°, Top		120	120	120	120	120	120	120	120	120	ISO 11475	
CIE Whiteness D65/10, Reverse		114	114	114	114	114	114	114	114	114		
Surface Smoothness, PPS 10, µm, Top	max. 1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	ISO 8791-4	
Gloss 75°, %		45	45	45	45	45	45	45	45	45	ISO 8254-1	
Scott Bond, J/m ²	min. 100	145	145	145	145	145	145	145	145	145	TAPPI 569	
Cobb 60, g/m ² , Top	max. 60	30	30	30	30	30	30	30	30	30	ISO 535	
Cobb 60, g/m ² , Reverse	max. 60	30	30	30	30	30	30	30	30	30		

*) For 325–400 g/m²

All properties according to Fors Mill measurements.

Test climate 23°C/50% RH (According to ISO 187). Tolerances based upon 95 % confidence limits, apply to reel/pallet average. 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.

Fors Mill has certified FSC and PEFC Chain-of-Custody (CoC) systems as well as certified hygiene management system.

FSC: Certificate registration code DNV-COC/CW-0000370
PEFC: Certificate registration no. 94721-2011-AE-FIN-FINAS