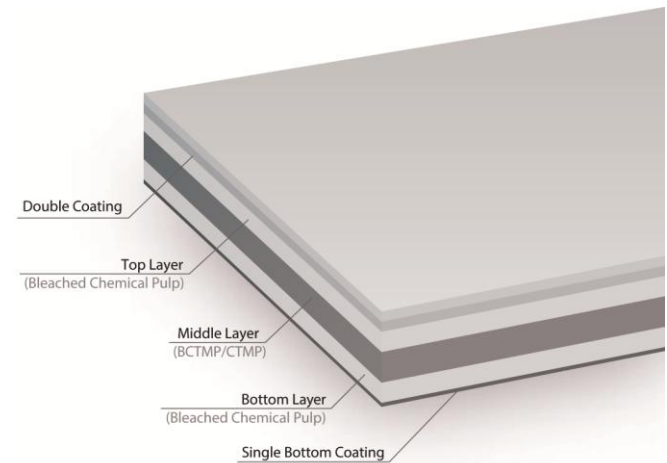


# ARKTIKA

## COATED FOLDING BOXBOARD GC1



### Specifications:

Property (Unit)	Tolerance	Value								Standard
Basis Weight (g/m <sup>2</sup> )	+/- 4%	200	215	230	250	275	300	325	350	ISO 536
Thickness (µm)	+/- 4% max. 20 µm	282	308	336	378	428	474	520	568	ISO 534
Stiffness DIN 53 121 (5°) MD (mNm)	+/- 15%	11.8	15.7	19.1	26.1	35.7	46.1	58.3	76.6	ISO 2493
Stiffness DIN 53 121 (5°) CD (mNm)		5.9	7.8	9.6	12.6	17.4	21.8	27.4	34.8	
Stiffness Taber (15°) MD (mNm)		6.6	8.7	10.6	14.5	19.8	25.6	32.4	42.5	
Stiffness Taber (15°) CD (mNm)		3.3	4.3	5.3	7.0	9.7	12.1	15.2	19.3	
Stiffness L&W (15°) MD (mN)		136	180	220	300	410	530	670	880	
Stiffness L&W (15°) CD (mN)		68	90	110	145	200	250	315	400	
Moisture Content (%)	+/- 1.0	7.2	7.2	7.2	7.5	7.8	7.8	8.2	8.2	ISO 287
Brightness Top with UV D65 (%)	+/- 1.0	92								ISO 2470-2
Brightness Bottom with UV D65 (%)	+/- 1.0	91								
Gloss 75° Gardner (%)		> 45								TAPPI 480 om - 99
Roughness PPS S10 (µm)		< 1.3								ISO 8791-4
Internal Bond Strength Scott (J/m <sup>2</sup> )		> 110								TAPPI 833 pm - 94
Surface Strength (medium viscosity IGT oil) (m/s)		≥ 1.00								ISO 3783
Water Absorption Top COBB <sub>60</sub> (g/m <sup>2</sup> )		< 55								EN 20535
Water Absorption Bottom COBB <sub>60</sub> (g/m <sup>2</sup> )		< 60								

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