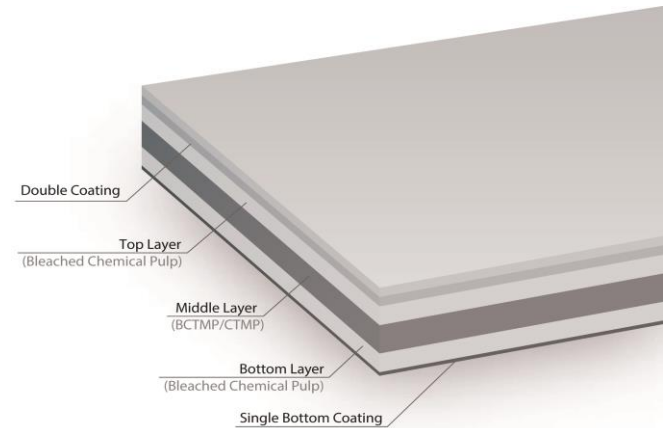




ARKTIKA

COATED FOLDING BOXBOARD GC1



Technical Specification:

Property (Unit)	Tolerance	Value								Standard
Basis Weight (g/m ²)	+/- 4%	200	215	230	250	275	300	325	350	PN-EN ISO 536
Thickness (µm)	+/- 4% max. 20 µm	282	308	336	378	428	474	520	568	PN-EN 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	PN-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	7.8	7.8	7.8	8.0	8.0	8.2	8.2	8.2	PN-EN ISO 287
Brightness Top with UV D65 (%)	+/- 1.0	92								ISO 2470-2
Brightness Bottom with UV D65 (%)	+/- 1.0	91								
Gloss 75° Gardner (%)	- 5.0	50								ISO 8254-1:2009
Roughness PPS S10 (µm)		< 1.3								PN-ISO 8791-4
Internal Bond Strength Scott (J/m ²)		> 110								TAPPI 569 om - 14
Surface Strength (medium viscosity IGT oil) (m/s)		≥ 1.00								ISO 3783
Water Absorption Top COBB ₆₀ (g/m ²)		< 55								ISO 535
Water Absorption Bottom COBB ₆₀ (g/m ²)		< 60								

Issued on 12.10.2021

MM Kwidzyn Sp. z.o.o. (LLC) operates in compliance with the following standards: **PN-EN ISO 9001, PN-EN ISO 14001, PN-ISO 45001, PN-EN ISO 50001.**

FSC® or **PEFC™** certificates available upon request.

www.arktika-alaska.com