

**KARTONPLAST® SHEET ANTISTATIC STANDARD**

Basic material: polypropylene

CHARACTERISTIC	FEASIBILITY	ACCEPTANCE CRITERIA	TEST PROCEDURE No.
Length (along the flutes)	From 500 to 6,000 mm	+/- 1%	7
Length (rolls)	From 10,000 to 300,000 mm		
Width (across the flutes)	From 400 to 2,700 mm	+/- 3 mm	7
Diagonal differences	///	< 1 %	8
Thickness (sheets)	From 1.8 to 11.00 mm	+/- 0.1 mm	9
Thickness (rolls)	From 1.8 to 2.0 mm		
Density (sheets)	From 220 to 3,000 gsm	+/- 5%	10
Density (rolls)	From 250 to 450 gsm		
Master opacity	///	+/- 5 % with respect to reference sample	12
Planarity	///	Max. 1 wave and +/- 0.5% length / width	14
Aesthetic appearance	Evaluation by the quality control expert of the product with respect to reference sample		18
ANTISTATIC feature	Surface resistance – min. 10 <sup>12</sup> OHM		--

Substandard product: product that diverges from 1 or more of the preceding characteristics

**1. Standard boards: gsm dependent upon the thickness**

		•Thickness							
		1.8	2.0	2.5	3.0	3.5	4.0	4.5	5
gsm	Minimum	250	250	400	500	650	800	850	900
	Max.	600	700	800	1,000	1,500	1,500	1,500	1,500

**1.Level compression limits (values expressed in KPA) dependent upon the principal grams per sq. m**

	•Principal grams per sq. M				
	300	500	1,000	1,150	1,500
Compression	> 300	> 600	> 900	>1,300	> 3,000

**1.Applicable processes**

Printing process standard value of the parameter =46; however not lower than 40 dynes/cm): on two sides

Printing (flexography, serigraphy )

Punching / squaring (tolerance on length/width is reduced to : +/- 1 mm )

Gluing

Flue closure ( only in case of sheet used as separator; tolerance on length/width is reduced: -0 + 5 mm)

**2.Packaging**

Wooden pallet, heat-shrinking film, straps, protection angle bars