Technical specification sheet

Ball & Doggett

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Product: Plasnet PP SX

Category: Tickets & Tags: Synthetic

Origin: Taiwan

Technical specifications:

PLASNET SX is a White Calendared Polyolefin Sheet, uniquely manufactured to exhibit an Description:

extremely high tensile strength for applications requiring resistance to tearing and/or stretching. Its unique surface treatment also enables printing via screen, offset, gravure, flexography. letterpress and thermal transfer. (Printing recommendations available upon

request)

Application: / Horticultural Tags, Baggage Tags, Maps, Long Life Tags, Bunting & Flags

Characteristics: / Superior Strength

/ Matte or Gloss Finish

/ Available Excellent printability and adhesion

/ Outstanding anti-static properties

/ Easy cutting, perforating and folding / Excellent UV stability Excellent cold crack resistance Conforms to USA legislation – FDA 21 CFR 177-1520

Treatment: Both sides

Food Contact:

Std Thickness: 0.10 mm(108gsm) - 0.25mm(270gsm)

Roll Availability: 330mm - 1830mm

Sheet Availability: Minimum 450mm(SG) x 450mm(LG) Maximum1600mm(SG) x 1200mm(LG)

ITEM		UNIT	RESULT 216gsm Matte	METHOD
Gauge		%	± 5	MICROMETER
Tensile Strength	MD CD	%	5098 3502	ASTM - D638
Elongation	MD CD	%	1069 892	ASTM - D638
Surface Tension	Outside Inside	Gm/mm	46 46	ASTM - D2578
Roughness	Outside Inside	-	17-24 53-59	JIS -B0601
Gloss level (60°)	Outside Inside	-	3.5 3.7	ASTM - D523
Transmittance		%	11.4	ASTM - D1003
Whiteness		W	91.5	ASTM - E313
Surface			8 ^ 10/10	ASTM - D257
Resistance		Ω -	0.20mm	MICROMETER
Test thickness		M2 / kg	4.54	-
Yield		_	1.08	ASTM - D792
Density				

This product complies with Australian PFAS regulations effective 1 July 2025. For more information, please contact: sustainability@ballanddoggett.com.au

