

Technical specification sheet

Ball & Doggett

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Product: Plasnet PP TX

Category: Tickets & Tags: Synthetic

Origin: Taiwan

Technical specifications:

Description:	PLASNET TX Grade is a single structure White Calendared Polypropylene Sheet especially formulated to feel and handle like conventional paper. Its unique surface treatment enables printing via screen, offset, gravure, flexography, letterpress, thermal transfer as well as some digital printers. (Printing recommendations available upon request) Its strong, soft, flexible structure suits most printing applications where durability and a paper-like feel are required.
Application:	Poster Display, Label & Tag, also suitable for IML. Excellent printability and adhesion.
Characteristics:	High tear resistance Outstanding anti-static properties. High opacity and whiteness Easy cutting, perforating and folding. Excellent cold crack. - 40°C
Treatment:	Both sides
Std Thickness:	0.085mm (104gsm) – 0.70mm (854gsm)
Roll Availability:	330mm – 1830mm
Sheet Availability:	Minimum 450mm (SG) x 450mm (LG) Maximum 1600mm (SG) x 1200mm (LG)

ITEM		UNIT	RESULT		METHOD
			103gsm	258gsm	
Gauge		%	± 7	± 5	MICROMETER
Tensile Strength	MD	Psi	4000	4500	ASTM – D638
	CD		3500	3700	
Elongation	MD	%	600	600	ASTM – D638
	CD		400	450	
Surface Tension	A	-	42	42	ASTM – D2578
	B		42	42	
Roughness (463 emboss)	A		15 – 35	15 – 35	JIS – 80601
	B		25 – 60	25 – 60	
Gloss level (60°)	A	μ	2-5	2-5	ASTM – D523
	B		2-6	2-5	
Transmittance		%	23	12	ASTM – D1003
Whiteness Surface		W	88	88	ASTM – E313
Resistance Thickness		Ohms	9 ^ 12	10 ^ 12	ASTM – D257
Yield		-	0.10mm	0.25mm	-
Low Temp Impact		Squ.mtr / kg	9.7	3.88	-
Density			- 40 degrees C		
		-	1.03		ASTM – D792

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

