

Technical specification sheet

Ball & Doggett

ballanddoggett.com.au

Product: Plasnet PP TX

Category: Tickets & Tags: Synthetic

Origin: Taiwan

Technical specifications:

Description:	PLASNET TX Grade is a single structure White Calendered 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)		
Application:	Its strong, soft, flexible structure suits most printing applications where durability and a paper-like feel are required. Poster Display, Label & Tag, also suitable for IML.		
Characteristics:	Excellent printability and adhesion. Outstanding anti-static properties. Easy cutting, perforating and folding. Excellent cold crack. - 40°C	High tear resistance High opacity and whiteness	
Treatment: Std	Both sides		
Thickness: Roll	0.085mm (104gsm) – 0.70mm (854gsm)		
Availability: Sheet	330mm – 1830mm		
Availability:	Minimum 450mm (SG) x 450mm (LG) Maximum 1600mm (SG) x 1200mm (LG)		
Food contact Treatment:	Conforms to USA legislation – FDA 21 CFR 177-1520		

ITEM	UNIT	RESULT		METHOD
		103gsm	258gsm	
Gauge	%	± 7	± 5	MICROMETER
Tensile Strength	MD	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	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

