

Technical specification sheet

Ball & Doggett

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Product: Plasnet PP SX

Category: Tickets & Tags: Synthetic

Origin: Taiwan

Technical specifications:

Description:	PLASNET SX is a White Calendered Polyolefin Sheet, uniquely manufactured to exhibit an 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 Superior Strength Matte or Gloss Finish Available
Characteristics:	Excellent printability and adhesion Outstanding anti-static properties Easy cutting, perforating and folding
Food Contact:	Excellent UV stability Excellent cold crack resistance
Treatment:	Conforms to USA legislation – FDA 21 CFR 177-1520
Std Thickness:	Both sides
Roll	0.10 mm(108gsm) – 0.25mm(270gsm)
Availability:	330mm – 1830mm
Sheet	Minimum 450mm(SG) x 450mm(LG)
Availability:	Maximum 1600mm(SG) x 1200mm(LG)

ITEM		UNIT	RESULT	METHOD
Gauge		%	± 5	MICROMETER
Tensile Strength	MD	%	5098	ASTM – D638
	CD	%	3502	
Elongation	MD	%	1069	ASTM – D638
	CD	%	892	
Surface Tension	Outside	Gm/mm	46	ASTM – D2578
	Inside		46	
Roughness	Outside	-	17-24	JIS –B0601
	Inside		53-59	
Gloss level (60°)	Outside	-	3.5	ASTM – D523
	Inside		3.7	
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				

