

Technical specification sheet

Ball & Doggett
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Product: Sumo 1/Sided Display Board (Reels/Rolls)

Category: Sign, Display & Digital - Solvent, Latex & UV Ink jet

Technical specifications:

Item		Unit	Standard	Tolerance	Value
Grammage		g/m ²	ISO 536	±3.0%	300
Caliper		µm	ISO 534	±15	500
Stiffness Taber15°	CD	mN.m	ISO 2493	≥	9.3
	MD	mN.m			17.2
Cobb Value (60s)		g/m ²	ISO 535	≤	PS: 45; RS: 50
Brightness R457		%	ISO 2470	—	PS:91.0±3.0(with OBA) RS:90.0±3.0(with OBA)
Gloss		%	ISO 8254-1	≥	85
PPS (10kgf)		µm	ISO8791-4	≤	1.3
IGT Blister		m/s	ISO 3783	≥	1.2
Moisture		%	ISO 287	—	6.0~9.5
Plybond		J/m ²	TAPPI T569	≥	120

Testing Condition: (23 ±1)deg & (50 ±1)%

Conversion⁺

- | | | |
|--|--|--|
| ☐ Flat bed cutters | ☐ Cold overlaminating | ☐ Latex |
| ☐ Friction bed cutters | ☐ Aqueous (dye & pigment) | ☐ Solvent |
| ☐ Die cutters | ☐ Screen printing | ☐ Eco Solvent |
| ☐ Thermal transfer screen | ☐ Printing offset | ☒ UV Ink jet |

⁺Always test with your combination of printer and inks prior to commercial use

Reel/Roll Sizes

175976 1240mm (width)	176764 1240mm x 100M
175977 1600mm (width)	176765 1600mm x 100M

Common Applications

Posters

Point of Sale signage