



MARK PRODUCTS, LLC

U.S. Marketing Arm for Nan Ya Plastics Corp.

Data sheet for PolySyn® (BCD Grade)

ITEM		Unit	Result			METHOD
			4 mil ~ 7.9mil (0.10mm~0.2mm)	8mil ~ 15.9mil (0.201mm~0.4mm)	16mil ~ 20mil (0.401mm~0.5mm)	
Thickness		%	+/- 7	+/- 7	+/- 5	Micro-gauge
Tensile Strength	MD	PSI	4000	3500	3500	ASTM-D638
	CD		2500	2000	2000	
Elongation	MD	%	500	300	300	ASTM-D638
	CD		80	60	60	
Surface Tension	A	dyne/cm	45	45	45	ASTM-D2578
	B		45	45	45	
Roughness 463 EMB	A	μ	15-35	15-35	15-35	JIS-B0601
	B		25-60	25-60	25-60	
Gloss Value 60%	A		2-5	2-5	2-5	ASTM-D523
	B		2-5	2-5	2-5	
Transmittance		%	25 ↓	18 ↓	10 ↓	ASTM-D1003
Whiteness		W	78 ↑	78 ↑	78 ↑	ASTM-E313
Surface Resistance		—	$<9 \times 10^{12}$			ASTM-D257
Specific Gravity			1.17 ± 0.03			

Note:

The above information is derived from our quality checks for your reference only. It neither relieves the purchaser from responsibility for examining the product upon delivery, nor does it provide assurance of the product's suitability for a particular purpose.

012307BCD

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