



MARK PRODUCTS, LLC

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

Data sheet for PolySyn[®] (BTR Grade – High Tear Strength)

ITEM		Unit	Result			METHOD
			4 mil (0.10mm)	6 mil (0.15mm)	12 mil (0.30mm)	
Thickness		%	+/- 7	+/- 7	+/- 5	Micro-gauge
Tensile Strength	MD	PSI	3000	3000	3000	ASTM-D638
	CD		2600	2600	2600	
Elongation	MD	%	400	400	400	ASTM-D638
	CD		300	300	300	
Surface Tension	A	dyne/cm	40	40	40	ASTM-D2578
	B		40	40	40	
Roughness #463 emb	A	μ	10-30	10-30	10-30	JIS-B0601
	B		25-60	25-60	25-60	
Gloss Value 60%	A		3-10	3-10	3-10	ASTM-D523
	B		5-12	5-12	5-12	
Transmittance		%	22 ↓	22 ↓	22 ↓	ASTM-D1003
Whiteness		W	88 ↑	88 ↑	88 ↑	ASTM-E313
Surface Resistance		—	$<9 \times 10^{12}$			ASTM-D257
Specific Gravity			1.08 ± 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.

033016 BTR

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