

Technical specification sheet

Ball & Doggett

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Product: Matt 28 mic Bopp Lamination Film

Category: Folio Papers - Laminating Film

Mill: PKC Co. Ltd.

Website: www.pkcco@naver.com

Country of Origin: Korea

Technical specifications:

1. TYPE : EM 21-1 (Matt type of thermal laminating film)
2. APPLICATION : BOOK COVER & PRINTS, PHOTO and PAPERS
3. MELTING TEMPERATURE : 70 ~ 120°C or less on the Laminator
(Depend on the machine and its lamination speed)
4. CHEMICAL COMPOSITION : BOPP 15 μ + CO-POLYMER 13 μ
5. SPECIFICATION

PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD	
AVERAGE THICKNESS	X-BAR	μm	28 mic		PKC-METHOD	
	R-BAR		2.0 ↓			
TREATMENT		DYNE/CM	I.S 46 ↑ , 0.S 38 ↑			
TENSILE STRENGTH	MD	kg/mm ²	1,390 ±2.5		ASTM	
	TD		280 ±2.5		D-882	
ELONGATION AT BREAK	MD	%	158		ASTM	
	TD		45		D-882	
DE-LAMI STRENGTH		G/15MM	80~100		P : 2kg/cm ² T : °C t : 0.5 sec	
BARRIER MVTR		G/M ² , 24HR	8.5		Tensile Speed 300mm/min	
BARRIER O2TR		CC/M ² , 24HR ATM	3,500		MVTR : 38°C , 90% RH O2TR : 23°C	
SEAL STRENGTH		TEMP (°C)	70	80	90	100
		G/15MM	135	380	500	570

*** The above data is based on BOPP Laminating Film.

*** All properties are tested under standard laboratory conditions;

23 $\pm$ 2°C : 50 $\pm$ 5% RH, unless otherwise stated.

*** MD : Machine Direction, TD : Transverse Direction

*** The above data is for reference only.