

NAN YA PLASTICS CORPORATION

TECHNICAL BULLETIN

DATE : 05/31/2013

A-PET SHEET APBM SERIES

DESCRIPTION :

The APBM is an Amorphous PET (A-PET) material use for general printing grade
It has 3 layers on the outer layer (top & bottom) has an internal Anti-blocking on it
Material has high gloss transparency and good slipping characteristics it can be produced either in roll stock or sheet pack **good for both side print**

SPECIAL REQUEST : available color: Clear.(C00)

PHYSICAL PROPERTIES :

<u>ITEMS</u>	<u>TYPICAL VALUE</u>		<u>TEST METHOD</u>
THICKNESS TOLERANCE	7.0GA and below	±7%	ASTM D-1593
	7.1GA to 10.0GA	±5%	
	10.1GA above	±3%	
TRANSPARENCY	85% ↑		ASTM D-1003
GLOSS VALUE (60°)	150 ↑		ASTM D-523
HAZE VALUE	5.0 ↓		ASTM D-1003
BLACK POINT (Gels)	10GA ≤ Insignificant/M ²		—
	10GA~40GA ≤ 1 point /M ²		
	40GA ↑ 0 point /M ²		
DYNE LEVEL	R1/R2, 40 ↑ for both side		ASTM D-2578
SPECIFIC GRAVITY	1.34±0.01		ASTM D-792
TENSILE STRENGTH	8500PSI		ASTM D-638
TENSILE ELONGATION	200%		ASTM D-638
IV VALUE	0.67~073		Refer to ASTM D4603
Heat Shrinkage % (100°C×5min)	-2/ -8		ASTM D-1204
Static Friction coefficient	0.2 ~ 0.35		ASTM 1894
Roll stock	±1/16		**
Cross stock	±1/16		**

** Nan Ya product inspection method

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