

CLASSIC MATTE PET THERMAL FILM

II PRODUCT DESCRIPTION

It is a BOPET base product with an excellent matte finish that minimizes glare while preserving image as well as creating a luxury to the look of books, brochures, luxury packaging and other printed materials.

II FEATURES

- Low level of static
- Excellent matte finish
- Excellent resistance to tear & elongation

II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE				TEST METHOD
Thickness, mil	1.2	1.5	3.0	5.0	GB/T6672
Yield, m ² /kg	31.7	27.3	13.4	9.1	
Wetting Tension, mN/m					
BOPET surface:	≥36	≥36	≥36	≥36	GB/T14216
Adhesive surface:	≥40	≥40	≥40	≥40	
Gloss (45°), %	≤50	≤50	≤50	≤50	GB/T8807
Haze, %	≥25	≥25	≥25	≥25	ASTM D1003
Heat Shrinkage, %					
MD	≤2.0	≤2.0	≤2.0	≤2.0	Q/CPKDX0001
TD	≤1.0	≤1.0	≤1.0	≤1.0	
Coefficient of Friction					
Outside / Outside	≤0.5	≤0.5	≤0.5	≤0.5	ASTM D1894

II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-130℃ Pressure : 8-18MPa Speed : 1-70m/min

II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse (T=5-30℃, H=20-60%); avoid storage in direct sunlight or near sources of heat less than 2m.
- In order to avoid damage to the film surface or end surface, avoid collision during product transportation, loading and unloading process.
- When using a thermal laminating film in winter, it should be placed in the production room in advance so that the temperature of the film is higher than 18℃ and then processed.

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