

ALLSTICK MATTE PET THERMAL FILM

AVAILABLE:30\38\75\125MIC



www.kangdexin.com

KDX

II PRODUCT DESCRIPTION

It is a BOPET substrated 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

- Matte, Good stiffness
- Good resistance to tearing and stretching
- Can start laminate 1h after printing
- Patent adhesive layer, lower melting temperature
- Higher peel strength with the ink

II TECHNICAL DATA

PROPERTIES					TEST METHOD
Thickness, μm	30	38	75	125	GB/T6672
BOPET Thickness, μm	12	12	16	25	GB/T6672
Adhesive thickness, μm	18	26	59	100	GB/T6672
Yield, m^2/kg	30.8	25	13.0	7.8	
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, (60s@ 120 °C)%					
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 : 110-130 °C

Pressure : 5-15MPa

Speed : $\leq 20\text{m/min}$

II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse; 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 used the thermal laminating film in winter, should put the film and laminating substrate in the operating room, balance the temperature higher than 18 °C and then processed.

II SHELF LIFE

12 months.

For further information and details, please contact your local KDX organization.

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