

CLASSIC GLOSS PET THERMAL FILM

AVAILABLE:16\30\38\75\125\250MIC

www.kangdixin.com.cn

KDX

II PRODUCT DESCRIPTION

It is a BOPET base product with excellent transparency and high gloss. The product is primarily used in the printing industry.

II FEATURES

- Excellent transparency
- High gloss
- Excellent resistance to tear & elongation

II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE							TEST METHOD
Thickness, μm	16	30	38	75	125	125	250	GB/T6672
Yield, m^2/kg	56.2	31.8	26.9	14.0	8.1	7.3	4.0	
Wetting Tension, mN/m								
BOPET surface:	≥ 32	≥ 32	≥ 32	≥ 32	≥ 32	≥ 32	≥ 32	GB/T14216
Adhesive surface:	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	
Gloss (45°), %	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	GB/T8807
Haze, %	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	ASTM D1003
Heat Shrinkage, %				90s@120 $^\circ\text{C}$	120s@120 $^\circ\text{C}$			Q/CPKDX0001 (30s@ 120 $^\circ\text{C}$)
MD	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0			
TD	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0			
Coefficient of Friction								
Outside / Outside	≤ 0.5	≤ 0.5	≤ 0.5	≤ 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 $^\circ\text{C}$

Pressure : 8-18MPa

Speed : 1-70m/min

II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse ($T=5-30^\circ\text{C}$, $H=20-60\%$); 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

II SHELF LIFE

12 months.

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

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