



# CLASSIC/PREMIUM GLOSS BOPP THERMAL FILM

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AVAILABLE: 16\18\20\22\25\28\30MIC

[www.kangdexin.com.cn](http://www.kangdexin.com.cn)

**KDX**

## II PRODUCT DESCRIPTION

It is a BOPP 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, $\mu\text{m}$	16	18	20	22	25	28	30	GB/T6672
Yield, $\text{m}^2/\text{kg}$	67.5	60.9	55.5	51.8	45.4	40.2	36.2	
Wetting Tension, $\text{mN/m}$								GB/T14216
BOPP surface:	$\geq 30$ (one side treated)							
	$\geq 36$ (two sides treated)							
Adhesive surface:	$\geq 40$							
Gloss (45°), %	$\geq 50$							GB/T8807
Haze, %	$\leq 5$							ASTM D1003
Coefficient of Friction								ASTM D1894
Outside / Outside	$\leq 0.4$							
Heat Shrinkage(30s@ 120 C), %								Q/CPKDX0001
MD	$\leq 3$							
TD	$\leq 1.5$							

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120 C      Pressure : 8-18MPa      Speed : 10-70m/min

## II STORAGE AND HANDLING

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