

# PREMIUM ANTI-CURL GLOSS NYLON THERMAL FILM

AVAILABLE:30\38MIC

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

**KDX**

## II PRODUCT DESCRIPTION

This is a BOPA gloss film with excellent transparency and anti-curling properties. The product is non-toxic and environmentally friendly, low level of static, consistent corona treatment, excellent resistance to tear & elongation, primarily used in the printing industry. Among them, the two side corona film accepts UV spot varnishing, foil stamping as well as screen printing.

## II FEATURES

- Excellent transparency
- Anti-curling
- Vivid and lighting
- Excellent resistance to tear & elongation

## II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE		TEST METHOD
Thickness, $\mu\text{m}$	30	38	GB/T6672
Yield, $\text{m}^2/\text{kg}$	35.4	28.3	
Wetting Tension, $\text{mN/m}$			
BOPA surface:	$\geq 36$	$\geq 36$	GB/T14216
Adhesive surface:	$\geq 40$	$\geq 40$	
Gloss ( $45^\circ$ ), %	$\geq 50$	$\geq 50$	GB/T8807
Haze, %	$\leq 5$	$\leq 5$	ASTM D1003
Heat Shrinkage, %			
MD	$\leq 2.0$	$\leq 2.0$	Q/CPKDX0001
TD	$\leq 1.0$	$\leq 1.0$	
Coefficient of Friction			
Outside / Outside	$\leq 0.5$	$\leq 0.5$	ASTM D1894

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120 $^\circ\text{C}$

Pressure : 8-18MPa

Speed : 10-70m/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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