

# CLASSIC/PREMIUM GLOSS BOPP THERMAL FILM



## AVAILABLE

16 18 20 **22** 25 28 30 mic

## ❖ PRODUCT DESCRIPTION

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

## ❖ FEATURES

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

## ❖ TECHNICAL DATA

PROPERTIES								TEST METHOD
Thickness, $\mu\text{m}$	16	18	20	22	25	28	30	GB/T6672
BOPP Thickness, $\mu\text{m}$	12	12	12	12	15	15	18	GB/T6672
Adhesive thickness, $\mu\text{m}$	4	6	8	10	10	13	12	GB/T6672
Yield, $\text{m}^2/\text{kg}$	65.8	59.5	54.3	50.8	44.6	40.2	36.2	
Wetting Tension, $\text{mN/m}$								GB/T14216
BOPP surface:	$\geq 38$ (one side treated)							
	$\geq 38$ (two sides treated)							
Adhesive surface:	$\geq 40$							
Gloss ( $45^\circ$ ), %	$\geq 80$							ASTM D1003
Haze, %	$\leq 5$							GB/T8807
Coefficient of Friction Outside / Outside	$\leq 0.4$							ASTM D1894
Heat Shrinkage(30s@ 120°C), %								Q/CPKDX0001
MD	$\leq 3$							
TD	$\leq 1.5$							

## ❖ 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

# PREMIUM MATTE BOPP THERMAL FILM



## AVAILABLE

16 18 20 22 **25** 28 30 mic

### ❖ PRODUCT DESCRIPTION

It is a BOPP 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.

### ❖ FEATURES

- Low level of static
- Excellent matte finish
- Excellent resistance to tear & elongation
- Accepts UV spot varnishing, foil stamping

### ❖ TECHNICAL DATA

PROPERTIES								TEST METHOD
Thickness, $\mu\text{m}$	16	18	20	22	26	28	31	GB/T6672
BOPP Thickness, $\mu\text{m}$	12	12	12	12	13	15	13	GB/T6672
Adhesive thickness, $\mu\text{m}$	4	6	8	10	13	13	18	GB/T6672
Yield, $\text{m}^2/\text{kg}$	66.2	61.7	57.5	54.0	47.4	43.5	37.7	
Wetting Tension, $\text{mN/m}$								GB/T14216
BOPP surface:	$\geq 30$ (one side treated)							
	$\geq 40$ (two sides treated)							
Adhesive surface:	$\geq 40$							
Gloss ( $45^\circ$ ), %	$\geq 8$							GB/T8807
Haze, %	$\leq 70$							ASTM D1003
Coefficient of Friction Outside / Outside	$\leq 0.4$							ASTM D1894
Heat Shrinkage, %								Q/CPKDX0001 (30s@ 120°C)
MD	$\leq 3$							
TD	$\leq 1.5$							

### ❖ 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