

# BOPET GLOSS



## PRODUCT DESCRIPTION

It is a BOPET substrated 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	30	38	75	75	125	125	250	GB/T6672
BOPET Thickness, $\mu\text{m}$	8	12	12	12	16	25	50	50	GB/T6672
Adhesive thickness, $\mu\text{m}$	8	18	26	63	59	100	75	200	GB/T6672
Yield, $\text{m}^2/\text{kg}$	54.9	30.8	25.4	14.0	13.3	8.1	7.3	4.0	
Wetting Tension, $\text{mN/m}$									
BOPP surface:	$\geq 32$	$\geq 32$	$\geq 32$	$\geq 32$	$\geq 36$	$\geq 32$	$\geq 32$	$\geq 32$	GB/T14216
Adhesive surface:	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	
Gloss (45°), %	$\geq 70$	$\geq 70$	$\geq 70$	$\geq 70$	$\geq 50$	$\geq 70$	$\geq 70$	$\geq 70$	GB/T8807
Haze, %	$\leq 10$	$\leq 10$	$\leq 10$	$\leq 10$	$\leq 25$	$\leq 10$	$\leq 10$	$\leq 10$	ASTM D1003
Heat Shrinkage, %				90s@120°C		120s@120°C			Q/CPKDX0001 (30s@120°C)
MD	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$		$\leq 2.0$			
TD	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$		$\leq 1.0$			
Coefficient of Friction									
Outside / Outside	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	ASTM D1894

## APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

- **LAMINATING EQUIPMENT** : thermal laminating machine
- **TEMPERATURE** : 95-130°C
- **PRESSURE** : 8-18MPa
- **SPEED** : 1-70m/min

**PELICULAS Y LAMINADOS S.A. DE C.V.**

www.pyla.mx info-mty@pyla.mx (81) 1097-1010, 11 y 12

# BOPET MATTE



## 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.

## FEATURES

- Low level of static
- Excellent matte finish
- Excellent resistance to tear & elongation

## TECHNICAL DATA

PROPERTIES					TEST METHOD
Thickness, $\mu\text{m}$	30	38	75	125	GB/T6672
BOPET Thickness, $\mu\text{m}$	12	12	16	25	GB/T6672
Adhesive thickness, $\mu\text{m}$	18	26	59	100	GB/T6672
Yield, $\text{m}^2/\text{kg}$	31.1	25.4	13.4	8.1	
Wetting Tension, $\text{mN/m}$					
BOPP surface:	$\geq 36$	$\geq 36$	$\geq 36$	$\geq 36$	GB/T14216
Adhesive surface:	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	
Gloss (45°), %	$\leq 50$	$\leq 50$	$\leq 50$	$\leq 50$	GB/T8807
Haze, %	$\geq 25$	$\geq 25$	$\geq 25$	$\geq 25$	ASTM D1003
Heat Shrinkage, %					
MD	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	Q/CPKDX0001
TD	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	
Coefficient of Friction					
Outside / Outside	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	ASTM D1894

## APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

- **LAMINATING EQUIPMENT** : thermal laminating machine
- **TEMPERATURE** : 95-130°C
- **PRESSURE** : 8-18MPa
- **SPEED** : 1-70m/min

**PELICULAS Y LAMINADOS S.A. DE C.V.**

www.pyla.mx info-mty@pyla.mx (81) 1097-1010, 11 y 12