

CLASSIC GLOSS PET THERMAL FILM

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, mil	1.2	1.5	1.7	3.0	3.0	5.0	8.0	10	GB/T6672
Yield, m²/kg	31.8	26.9	22.3	14.2	12.7	8.1	4.4	4.0	
Wetting Tension, mN/m	≥32 ≥40 ≥70								GB/T14216
BOPET surface:									
Adhesive surface:									
Gloss (45°), %	≥70								GB/T8807
Haze, %	≤10								ASTM D1003
Heat Shrinkage, %	(30s@ 120℃)		90s@120℃			120s@120℃			Q/CPKDX0001
MD	≤2.0	≤2.0	≤2.0			≤2.0			
TD	≤1.0	≤1.0	≤1.0			≤1.0			
Coefficient of Friction	≤0.5								ASTM D1894
Outside / Outside									

II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating

machine Temperature : 95-130℃

Speed : 1-70m/min

Pressure : 8-18MPa

II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse (T=5-30℃, 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 than 18℃ and then processed.

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