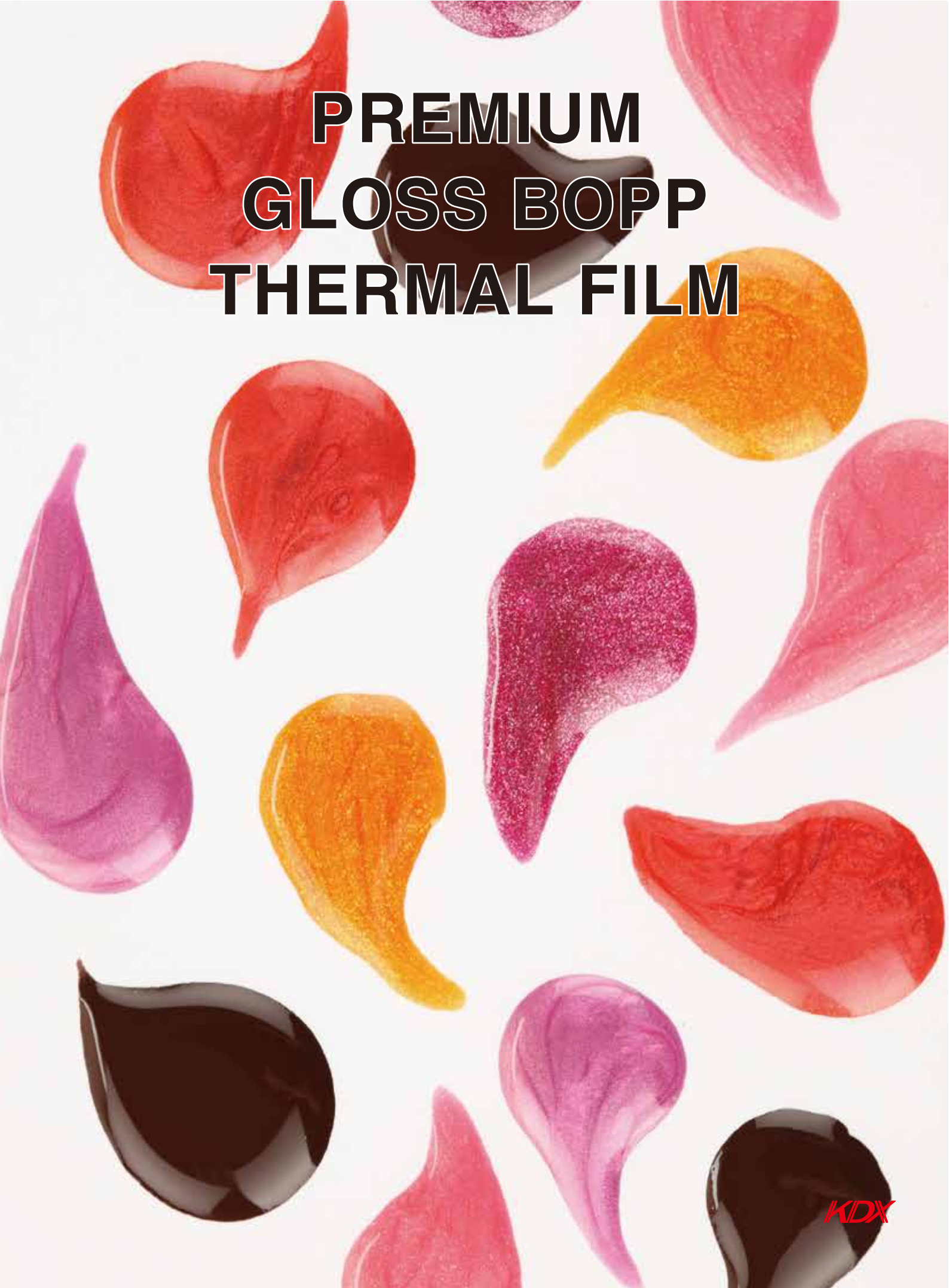




# **PREMIUM GLOSS BOPP THERMAL FILM**

## 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, mil                               | 1.2                                               | GB/T6672    |
| Yield, m <sup>2</sup> /kg                    | 47.1                                              |             |
| Wetting Tension, mN/m<br>BOPP surface:       | ≥30 (one side treated)<br>≥36 (two sides treated) | GB/T14216   |
| Adhesive surface:                            | ≥40                                               |             |
| Gloss (45°), %                               | ≥50                                               | GB/T8807    |
| Haze, %                                      | ≤5                                                | ASTM D1003  |
| Coefficient of Friction<br>Outside / Outside | ≤0.4                                              | ASTM D1894  |
| Heat Shrinkage(30s@ 120℃), %<br>MD<br>TD     | ≤3<br>≤1.5                                        | Q/CPKDX0001 |

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

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

## 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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