

SILKY BOPET THERMAL LAMINATING FILM

■ PRODUCT DESCRIPTION

This is a BOPET Matte film which is specially coated with a soft tactile coating which makes it feel like velvet or silk. That with its uniformed color gives your print a graceful and elegant effect while preserving image color. The matte finish creates a luxurious appearance to attract the buyers' attention and increase the perceived value of the product. The product has excellent resistance to tear & elongation, primarily used in the printing industry. The film accepts UV spot varnishing, foil stamping as well as screen printing.

■ APPLICATION

- Books cover such as: hard bound books, magazines, flyers, paper bags, map, promotional materials, etc.
- Various types of packaging materials such as: Flute boxes, cosmetic boxes, pharmaceutical, gift boxes etc.
- Advertising such as: POS, boards, documents, photo albums etc.

■ TYPICAL PROPERTIES

ITEM	TYPICAL VALUE	TEST METHODS
Thickness, mil	1.2	GB/T6672
Yield, m ² /kg	28.9	--
Wetting Tension, mN/m		
Adhesive Surface	≥40	GB/T 14216
BOPET Surface	≥36	
Gloss(45°), %	≤8	GB/T8807
Haze, %	≥80	ASTM D1003
Heat shrinkage (30s@ 120℃), %		Q/CPKDX0001
MD	≤2.0	
TD	≤1.0	
Coefficient of Friction		ASTM D1894
Outside / Outside	≤1.0	

■ FEATURES AND BENEFITS

1. Excellent silky matte finish
2. Excellent resistance to tear & elongation
3. Matte surface suitable UV spot varnishing foil stamping

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II STORAGE AND HANDLING

1. Keep upright in a clean, dry and ventilated warehouse ($T=5-30^{\circ}\text{C}$, $H=0-60\%$); avoid storage in direct sunlight or near sources of heat less than 2m.
2. In order to avoid damage to the film surface or end surface, avoid collision during product transportation, loading and unloading process.
3. When using a wet 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°C and then processed.

II APPLICATION TECHNOLOGY

Laminating equipment: thermal laminating machine

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

Pressure: $8-18\text{MPa}$

Speed: $10-70\text{m/min}$

To adjust the processing parameter according to the production job requirement

The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. KDX gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. KDX reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information regarding use and we disclaim liability for any loss or damage that may occur from the use of this information.



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