

A close-up, shallow depth-of-field photograph of numerous pink and white rose petals scattered across a white surface. The petals are in various stages of bloom, with some showing vibrant pink edges and others being mostly white. The background is softly blurred, emphasizing the texture and color of the petals in the foreground.

PREMIUM SILKY BOPP THERMAL FILM

II PRODUCT DESCRIPTION

Biaxially Oriented Polypropylene (BOPP) with a silky matte surface and a hot melt adhesive layer by extrusion coating. Thermal laminating with paper print, the matte finish creates a luxurious appearance and enhances the looks of books cover, packages and other printed material.

II FEATURES

- Excellent silky matte finish
- Superior scratch-resistant
- Excellent resistance to tear & elongation
- Matte surface suitable UV spot varnishing foil stamping

II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE		TEST METHOD
Thickness, mil	1.2	1.4	GB/T6672
Yield, m ² /kg	39	33.3	
Wetting Tension, mN/m			
Silky surface	≥36	≥36	GB/T14216
Adhesive surface	≥40	≥40	
Gloss (45°), %	≤8	≤8	GB/T8807
Haze, %	≥80	≥80	ASTM D1003
Coefficient of Friction			
Outside / Outside	≤1.0	≤1.0	ASTM D1894
Heat Shrinkage(30s@ 120℃) , % MD	≤3.0	≤3.0	Q/CPKDX0001
TD	≤1.5	≤1.5	

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 unload-ing process.
- When used the thermal laminating film in winter, should put the film and laminating substrate in the operating room, balance the temperature higher than 18℃ and then processed.

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