

PREMIUM SILKY 32MIC NYLON THERMAL FILM

AVAILABLE:32MIC

II PRODUCT DESCRIPTION

Biaxially Oriented Nylon with a silky matte surface and a hot melt adhesive layer by extrusion coating. Thermal laminating with paper prints; the matte finish creates a luxurious appearance and enhances the looks of books cover, packages and other printed material. This film has anti-curl properties and the finished product will lay flat after laminating.

II FEATURES

- Excellent silky matte finish look
- Excellent resistance to tear & elongation
- Excellent anti-curl properties
- Matte surface suitable UV spot varnishing, foil stamping

II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE	TEST METHOD
Thickness, μm	32	GB/T6672
Yield, m^2/kg	31.7	
Wetting Tension, mN/m		
BOPA surface:	≥ 36	GB/T14216
Adhesive surface:	≥ 40	
Gloss (45°), %	≤ 8	GB/T8807
Haze, %	≥ 80	ASTM D1003
Heat Shrinkage (30s@ 120°C), %		
MD	≤ 2.0	Q/CPKDX0001
TD	≤ 1.0	
Coefficient of Friction		
Outside / Outside	≤ 1.0	ASTM D1894

II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120°C

Pressure : 8-18MPa

Speed : 10-70m/min

II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse ($T=5-30^\circ\text{C}$, $H=20-60\%$); 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

II SHELF LIFE

8 months.

For further information and details, please contact your local KDX organization.

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