HARDVOGUE

BOPP Lamination Film

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1. Product Overview & Applications

BOPP Lamination Film is a high-quality biaxially oriented polypropylene film designed for superior lamination performance. It offers excellent adhesion, optical clarity, and durability, making it ideal for enhancing the strength and appearance of printed materials. With high resistance to moisture, scratches, and external damage, this film is widely used for commercial and industrial lamination applications.

- Book Covers & Magazines: Enhances durability and aesthetics with a protective coating.
- Packaging Industry: Used in flexible packaging to improve strength and visual appeal.
- Advertising & Printing: Provides a premium finish for brochures, posters, and business cards.
- Labels & Stickers: Ensures long-lasting protection with anti-scratch and anti-moisture properties.

2. Technical Specifications

Product Code		12PM/15PM		
Item		Unit	Value	Testing Standard
Thickness tolerance		%	±3	GB/T 6672
Average thickness tolerance		%	±6	GB/T 6672
Tensile strength	MD	Mpa	≥120	GB/T 13022
	TD		≥200	
Elongation at break	MD	%	≤160	GB/T13022
	TD		≤80	
Heat shrinkage	MD	%	≤4.5	GB/T 12027
	TD		≤3.0	
Wetting tension		mN/m	≥38	GB/T 14216

Gloss	%	≥90	GB/T8807
Haze	%	≤2.0	GB/T 2410
Charge decay time	S	≤10	GB/T 14447

3. Additional Features

- Excellent coating adhesion
C and 30° C and
- High Gloss.
appearance.
- Low static, easy to be stacked after lamination.
accumulation and
maintain flatness.
- Excellent laminating performance.

4. Storage & Handling

-Store in a controlled environment with temperatures between 10°
humidity below 60% to prevent warping or adhesionissues.
-Exposure to heat and UV light can affect the film's bonding properties and

- Keep the film in its original packaging until use to prevent dust
contamination. Rolls should be stored horizontally to