

1. Product Overview & Applications

BOPP Bag Making Film is a high-quality biaxially oriented polypropylene film designed for bag manufacturing applications. It offers excellent transparency, high mechanical strength, and superior printability, making it ideal for high-end flexible packaging. The film ensures durability, tear resistance, and environmental sustainability, providing an optimal solution for various industries.

- Retail Packaging: Used for high-end shopping bags and promotional bags.
- Food Packaging: Suitable for snack, bakery, and confectionery bags.
- Pharmaceutical & Medical: Ideal for secure and hygienic medical pouches.
- Industrial & E-commerce: Durable and tear-resistant for protective packaging solutions.

2. Technical Specifications

Product Code		15PF/18PF/19PF/20PF/24PF/25PF/27PF 18/19/22/23/24/25/27/30/31/32/34/35/36/37/40/42 /43/45/46/47 PB		
Item		Unit	Value	Testing Standard
Thickness tolerance		%	±3	GB/T6672
Average thickness tolerance		%	±6	GB/T6672
Tensile strength	MD	Mpa	≥120	GB/T 13022
	TD		≥200	

Elongation at break	MD	%	≤180	GB/T13022
	TD		≤65	
Heat shrinkage	MD	%	≤4.0	GB/T 12027
	TD		≤2.5	
Coefficient of friction(Non-treatment side/Non-treatment side)		/	≤0.6	GB/T 10006
Wetting tension		mN/m	≥38	GB/T 14216
Gloss		%	≥90	GB/T 8807
Haze		%	≤1.5	GB/T 2410
Charge decay time(Bagmaking film)		S	≤10	GB/T 14447
Water vapor transmission rate		g/(m ² • 24h • 0.1mm)	≤2	GB/T 1037

3. Additional Features

- High gloss and transparency.
 - Few visible white spots and excellent printing and laminating properties(Printing film).
 - High stiffness.
 - Excellent ink adhesion (Plain film).
4. Storage & Handling

 - Store in a cool, dry environment with temperatures between 10°C and 30°C and humidity below 60% to prevent material degradation..
 - Prolonged exposure to heat and UV light can cause shrinkage or weakening of the film,affecting its properties.
 - Store rolls horizontally and avoid placing heavy objects on them to prevent deformation or damage to the film.

- Easy-open performance(Bagmaking film).

Hardvogue Limited

Address: Xixi Shouzuo, Wenyi Road, West Lake District, Hangzhou City, China 310030

Email: sales@hardvogue.com

Website: www.hardvogue.com