



## 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	%	$\leq 180$	GB/T13022
	TD		$\leq 65$	
Heat shrinkage	MD	%	$\leq 4.0$	GB/T 12027
	TD		$\leq 2.5$	
Coefficient of friction (Non-treatment side/Non-treatment side)		/	$\leq 0.6$	GB/T 10006
Wetting tension		mN/m	$\geq 38$	GB/T 14216
Gloss		%	$\geq 90$	GB/T 8807
Haze		%	$\leq 1.5$	GB/T 2410
Charge decay time (Bagmaking film)		S	$\leq 10$	GB/T 14447
Water vapor transmission rate		$\text{g}/(\text{m}^2 \cdot 24\text{h} \cdot 0.1\text{mm})$	$\leq 2$	GB/T 1037

### 3. Additional Features

- High gloss and transparency.
- Few visible white spots and excellent printing and laminating properties (Printing film). - Prolonged exposure to heat and UV light can cause shrinkage or weakening of the film, affecting its properties.
- 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.
- Store rolls horizontally and avoid placing heavy objects on them to prevent deformation or damage to the film.

- Easy-open performance(Bagmaking film).

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