

# BOPP Injection Molding Films Technical Specification(orange peel)

Code : HYNIML3570  
2025/3/2

## 1. Product Overview & Applications

- **Orange Peel:** Textured surface for a unique aesthetic and enhanced scuff resistance.

This film provide excellent moldability, heat resistance, and compatibility with high-speed injection molding processes. They are widely used in rigid container branding for food, beverage, cosmetics, and household products.

## 2. Technical Specifications

Category	Property	Unit	Transparent	Metallized	Solid White	Orange Peel
Physical	Density	g/cm3	0.55-0.65	0.55-0.65	0.55-0.65	0.55-0.65
	Thickness	um	60/65/70	60/65/70	60/65/70	60/65/70
Optical	Gloss (45 deg)	GU	>= 90	>= 90	>= 90	>= 85
	Opacity	%	>= 75	>= 75	>= 75	>= 75
Mechanical	Tensile Strength (MD/TD)	MPa	>= 100/200	>= 100/200	>= 100/200	>= 100/200
	Elongation at Break (MD/TD)	%	<= 180/50	<= 180/50	<= 180/50	<= 180/50
Surface	Surface Tension	mN/m	>= 38	>= 38	>= 38	>= 38
Thermal	Heat Resistance	C	Up to 130	Up to 130	Up to 130	Up to 130

## 3. Storage & Handling

- Store in a cool, dry environment (Temperature: 10-25°C, Humidity: 40-60%).
- Avoid direct sunlight and drastic temperature fluctuations to prevent film deformation.
- Keep in a dry, ventilated area to avoid moisture affecting label adhesion.
- Handle with care to prevent surface scratches or contamination.

## **Hardvogue Limited**

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

Email: [sales@hardvogue.com](mailto:sales@hardvogue.com)

Website: [www.hardvogue.com](http://www.hardvogue.com)

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