



Bi-oriented Polyester Film for Printing

- **Name:** Printing base film
- **Type:** LB—xy : un-treated; LBD—xy: single side corona treated
- **Specifications**



Thickness	Width	Roll Diameter	Core ID
12~100μm	500~1500mm	300~630mm	3 " (76mm)、6 " (152mm)
Remark: Other specifications are customized. Regular roll lengths are 6000m, 12000m and 18000m for 12μm film.			

- **Characteristics**
 - ✧ Good ink and coating adhesion property
 - ✧ It can be used for multi-color printing
 - ✧ Good flatness

- **Typical Physical Properties**

Items	Unit	Standard	Typical Values	Testing Methods
Thickness	μm	12 +/- 3%	11.8	ASTM-D374
Tensile Strength	MD	MPa	≥210	ASTM- D882
	TD	MPa	≥210	
Elongation at Break	MD	%	≥80	ASTM-D882
	TD	%	≥80	
Shrinkage 150°C,30min	MD	%	≤2.0	ASTM D 1204
	TD	%	≤0.5	
Haze	%	≤3.2	2.7	ASTM D 1003
Gloss	/	≥120	190	ASTM-D2457
Friction Coefficient	MD	/	≤0.6	ASTM-D1894
	TD	/	≤0.5	
Surface Tension	mN/m	≥52	60	ASTM-D2578

Note:

MD: Machine Direction; TD: Transverse Direction.

The above data can only be regarded as typical physical properties rather than guaranteed values, which can be adjusted at customer's request.

- **Applications**

Printing base film is used for printing, off-line coating and extrusion applications. It can be converted to heat-sealable pouches for frozen food and packaging material for food, and industrial and cosmetic items. Better barrier property, if needed, can be obtained by adding a layer of metallization, PVDC for EVOH between the base film and the heat sealing layer, or using a barrier adhesive layer or a barrier heat sealing layer in a laminated structure. It is mainly used as a packing material for meat, seasoning, nuts, cheese, sauce and dry food.

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