

LB-AF 防雾交联热收缩膜 LB-AF Anti Fog Cross-Linked Shrink Film

LB-AF 是一种具有防雾效果的交联热收缩膜，是新鲜农产品和其他新鲜和冷冻包装应用的理想薄膜产品，包括新鲜水果和蔬菜，以及各种加工食品等。独特的配方工艺带来消除水雾的功能，可防止薄膜表面凝结水汽，使包装后的冷藏产品在零售货架上仍然清晰可见。

由于采用了交联技术，它还具有出色的光泽度和透明度、良好的韧性、持久牢固的封口和更好的收缩性能，从而达到优异的包装效果。这种柔性薄膜适用于各种收缩包装设备，包括高速单片包装机。

厚度：11micron, 15micron, 19micron.



LB-AF is a cross-linked shrink film with anti-fog properties, which is the ideal film product for fresh produce and other fresh & frozen packaging applications. Examples include fresh fruits and vegetables, as well as a wide range of processed foods. It resists water condensation build up on the film surface allowing refrigerated products to remain visible in the retail shelf presentation.

Due to the crosslink technology, it also has outstanding gloss & clarity, good toughness, strong & durable seals and high shrinkage to allow excellent packaging performance. This flexible film is compatible with a wide range of shrink packaging equipment, including high speed flow-pack machine.

Thickness: 11 micron, 15 micron, 19 micron.

TECHNICAL DATA / 技术指标

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES		
GAUGE 厚度			11um	15um	19um
TENSILE STRENGTH 拉伸强度					
Tensile Strength (MD)	N/mm ²	D882	135	135	140
Tensile Strength (TD)			135	130	135
ELONGATION 断裂伸长率					
Elongation(MD)	%	D882	130	128	133
Elongation (TD)			120	120	125
TEAR 撕裂强度					
MD at 400gm	gf	D1922	7.5	11.0	14.3
TD at 400gm			8.5	11.3	15.5
SEAL STRENGTH 热封强度					
MD\Hot Wire Seal	N/mm	F88	0.90	1.05	1.25
TD\Hot Wire Seal			0.95	1.15	1.35
COF (Film To Film)					
Static 静摩擦		D1894	0.31	0.29	0.27
Dynamic 动摩擦			0.30	0.29	0.28
OPTICS					
Haze 雾度		D1003	3.9	4.8	5.4
Clarity 透明度		D1746	95.5	94.5	93.5
Gloss @ 45Deg 光泽度		D2457	81.5	79.0	77.0
Antifog arrival time at 5°C 防雾起始时间			2 hours		
Antifog Effect 防雾效果			Complete transparent, no visible water 清晰透明无明显水珠		
BARRIER 阻隔性					
Oxygen Transmission Rate 透氧率	cc/㎡/day	D3985	9900	8600	6200
Water Vapor Transmission Rate 透水汽率	gm/㎡/day	F1249	30.7	27.3	19.5
SHRINKAGE PROPERTIES 收缩性能			MD	TD	
Free Shrinkage 收缩率	100°C	%	D2732	22.0	30.0
	110°C			38.0	45.0
	120°C			62.0	64.0
	130°C			81.0	78.0
Shrink Tension 收缩率	100°C	Mpa	D2838	2.15	2.50
	110°C			2.80	3.90
	120°C			3.30	4.15
	130°C			3.10	3.85

Note: The above information is based on our internal evaluation data and is for reference only.
以上资料是本公司内部评测之数据，仅供参考。

