

ZDF-04 ANTI FOG CROSS-LINKED POLYOLEFIN SHRINK FILM

TECHNICAL DATA

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES		
GAUGE 厚度				11um	15um	19um
TENSILE						
Tensile Strength(MD) 拉伸强度		N/mm ²	D882	135	135	140
Tensile Strength (TD)				135	130	135
Elongation(MD) 断裂伸长率		%		130	130	135
Elongation (TD)				120	120	125
TEAR 撕裂强度						
MD at 400gm		gf	D1922	7.5	11.0	14.5
TD at 400gm				8.5	11.5	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				0.3	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 at5°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/m ² /day	D3985	9900	8600	6200
Water Vapor Transmission Rate 透水汽率		gm/m ² /day	F1249	30.7	27.3	19.5
				MD	TD	
Free Shrinkage 收缩率	100°C	%	D2732	20	30	
	110°C			38	45	
	120°C			62	64	
	130°C			81	78	
				MD	TD	
Shrink Tension 收缩张力	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	

MD\Machine Direction TD\Transverse Direction

Note:This information represents our best judgment on the work done, but the company assumes no liability whatsoever in connection with the use of information or findings contained herein.