

Z101 LOW TEMPERATURE 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	100	105	110
Tensile Strength (TD)				95	100	105
Elongation(MD) 断裂伸长率		%		110	115	120
Elongation (TD)				100	110	115
TEAR 撕裂强度						
MD at 400gm		gf	D1922	9.5	14.5	18.5
TD at 400gm				11.5	16.5	22.5
SEAL STRENGTH 热封强度						
MD\Hot Wire Seal		N/mm	F88	1.25	1.35	1.45
TD\Hot Wire Seal				1.35	1.45	1.65
COF (Film To Film)		-				
Static 静摩擦			D1894	0.26	0.24	0.22
Dynamic 动摩擦				0.26	0.24	0.22
OPTICS						
Haze 雾度			D1003	2.4	2.5	2.8
Clarity 透明度			D1746	99.0	98.5	98.0
Gloss @ 45Deg 光泽度			D2457	88.0	88.0	87.5
BARRIER 阻隔性						
Oxygen Transmission Rate 透氧率		cc/m ² /day	D3985	9600	8700	5900
Water Vapor Transmission Rate 透水汽率		gm/m ² /day	F1249	32.1	27.8	19.5
SHRINKAGE PROPERTIES 收缩性				MD	TD	
Free Shrinkage 收缩率	90℃	%	D2732	17	23	
	100℃			34	41	
	110℃			60	66	
	120℃			78	77	
	130℃			82	82	
			MD	TD		
Shrink Tension 收缩张力	90℃	Mpa	D2838	1.70	1.85	
	100℃			1.90	2.55	
	110℃			2.50	3.20	
	120℃			2.70	3.50	
	130℃			2.45	3.05	

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.