

ZDF-01L HIGH-SPEED PACKAGING POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES			
GAUGE 厚度				10um	11um	15um	19um
TENSILE							
Tensile Strength (MD) 拉伸强度		N/mm ²	D882	130	125	120	115
Tensile Strength (TD)				125	120	115	110
Elongation(MD) 断裂伸长率		%		105	105	110	110
Elongation (TD)				100	100	105	105
TEAR 撕裂强度							
MD at 400gm		gf	D1922	9.0	10.0	12.0	15.5
TD at 400gm				8.0	9.5	11.5	14.5
SEAL STRENGTH 热封强度							
MD\Hot Wire Seal		N/mm	F88	0.75	0.80	0.95	1.15
TD\Hot Wire Seal				0.80	0.85	0.98	1.25
COF (Film To Film)		-					
Static 静摩擦			D1894	0.38	0.35	0.32	0.30
Dynamic 动摩擦				0.38	0.35	0.33	0.30
OPTICS							
Haze 雾度			D1003	1.7	1.9	2.2	2.5
Clarity 透明度			D1746	99.0	99.0	98.5	97.5
Gloss @ 45Deg 光泽度			D2457	88.5	88.0	87.5	87.5
BARRIER 阻隔性							
Oxygen Transmission Rate 透氧率		cc/m ² /day	D3985	14500	13200	10800	7300
Water Vapor Transmission Rate 透水汽率		gm/m ² /day	F1249	52.4	47.5	35.5	27.5
SHRINKAGE PROPERTIES 收缩性				MD	TD	MD	TD
Free Shrinkage 收缩率	100°C	%	D2732	18	25	17	23
	110°C			32	40	30	38
	120°C			55	58	55	57
	130°C			65	66	66	67
				MD	TD	MD	TD
Shrink Tension 收缩张力	100°C	Mpa	D2838	1.65	2.45	1.75	2.55
	110°C			2.85	3.65	2.90	3.55
	120°C			2.95	3.95	3.20	4.00
	130°C			2.75	3.40	2.60	3.20

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.