

ZDF-01A POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES				
GAUGE 厚度				12um	15um	19um	25um	30um
TENSILE								
Tensile Strength (MD) 拉伸强度		N/mm ²	D882	130	125	120	110	105
Tensile Strength (TD)				125	120	115	105	100
Elongation(MD) 断裂伸长率		%		110	110	115	120	120
Elongation (TD)				105	105	110	115	115
TEAR 撕裂强度								
MD at 400gm		gf	D1922	10.0	13.5	16.5	23.0	27.5
TD at 400gm				9.5	12.5	16.0	22.5	26.5
SEAL STRENGTH 热封强度								
MD\Hot Wire Seal		N/mm	F88	0.75	0.91	1.08	1.25	1.45
TD\Hot Wire Seal				0.78	0.95	1.10	1.30	1.55
COF (Film To Film)		-						
Static 静摩擦			D1894	0.23	0.21	0.19	0.22	0.25
Dynamic 动摩擦				0.23	0.21	0.19	0.22	0.25
OPTICS								
Haze 雾度			D1003	2.1	2.5	3.1	3.6	4.5
Clarity 透明度			D1746	98.5	98.0	97.0	95.0	92.0
Gloss @ 45Deg 光泽度			D2457	88.0	87.0	84.0	82.0	81.0
BARRIER 阻隔性								
Oxygen Transmission Rate 透氧率		cc/m ² /day	D3985	11500	10200	7700	5400	4500
Water Vapor Transmission Rate 透水汽率		gm/m ² /day	F1249	43.8	36.7	26.7	22.4	19.8
SHRINKAGE PROPERTIES 收缩性				MD	TD	MD	TD	
Free Shrinkage 收缩率	100°C	%	D2732	23	32	21	27	
	110°C			37	45	33	44	
	120°C			59	64	57	61	
	130°C			67	68	65	67	
				MD	TD	MD	TD	
Shrink Tension 收缩张力	100°C	Mpa	D2838	1.85	2.65	1.90	2.60	
	110°C			2.65	3.50	2.85	3.65	
	120°C			2.85	3.65	2.95	3.60	
	130°C			2.65	3.20	2.75	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.