

# ZDF-08 ECONOMICAL CROSS-LINKED POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES			
GAUGE 厚度				10um	13.5um	17um	22um
TENSILE							
Tensile Strength (MD) 拉伸强度		N/mm <sup>2</sup>	D882	130	130	130	125
Tensile Strength (TD)				125	125	125	120
Elongation(MD) 断裂伸长率		%		110	115	120	120
Elongation (TD)				105	110	110	115
TEAR 撕裂强度							
MD at 400gm		g	D1922	9	14.0	16.5	22.5
TD at 400gm				9.5	13.0	18.5	23.5
SEAL STRENGTH 热封强度							
MD\Hot Wire Seal		N/mm	F88	0.95	1.20	1.25	1.50
TD\Hot Wire Seal				1.05	1.35	1.45	1.65
COF (Film To Film)		-					
Static 静摩擦			D1894	0.24	0.21	0.18	0.19
Dynamic 动摩擦				0.24	0.21	0.18	0.19
OPTICS							
Haze 雾度			D1003	2.2	2.4	2.6	2.9
Clarity 透明度			D1746	98.5	98.5	98.0	98.0
Gloss @ 45Deg 光泽度			D2457	89.0	88.5	88.0	86.5
BARRIER 阻隔性							
Oxygen Transmission Rate 透氧率		cc/m <sup>2</sup> /day	D3985	12100	9700	7400	6800
Water Vapor Transmission Rate 透水汽率		gm/m <sup>2</sup> /day	F1249	40.5	32.5	25.5	19.5
SHRINKAGE PROPERTIES 收缩性				MD		TD	
Free Shrinkage 收缩率	100°C	%	D2732	19		28	
	110°C			37		45	
	120°C			70		72	
	130°C			81		79	
Shrink Tension 收缩张力	100°C	Mpa	D2838	2.20		2.65	
	110°C			2.65		3.80	
	120°C			2.85		4.00	
	130°C			2.80		3.90	

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.