

ZDF03 CROSS-LINKED POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES					
GAUGE 厚度				12um	15um	19um	25um	30um	38um
TENSILE									
Tensile Strength (MD) 拉伸强度		N/mm ²	D882	130	135	135	125	120	115
Tensile Strength (TD)				125	125	125	120	115	110
Elongation(MD) 断裂伸长率		%		115	120	120	120	125	130
Elongation (TD)				105	110	110	115	115	120
TEAR 撕裂强度									
MD at 400gm		gf	D1922	11.5	14.5	18.5	27.0	32.0	38.5
TD at 400gm				12.5	17.0	22.5	30.0	35.0	42.5
SEAL STRENGTH 热封强度									
MD\Hot Wire Seal		N/mm	F88	1.13	1.29	1.45	1.75	2.15	2.10
TD\Hot Wire Seal				1.18	1.43	1.65	1.75	2.10	2.10
COF (Film To Film)		-							
Static 静摩擦			D1894	0.23	0.19	0.18	0.22	0.23	0.25
Dynamic 动摩擦				0.23	0.19	0.18	0.22	0.23	0.25
OPTICS									
Haze 雾度			D1003	2.3	2.6	3.5	3.8	4.2	4.8
Clarity 透明度			D1746	98.5	98.8	98.0	97.5	94.0	92.0
Gloss @ 45Deg 光泽度			D2457	88.5	88.0	87.5	86.0	86.0	85.0
BARRIER 阻隔性									
Oxygen Transmission Rate 透氧率		cc/m ² /day	D3985	10300	9500	6200	5400	4200	3700
Water Vapor Transmission Rate 透水气率		gm/m ² /day	F1249	32.5	27.5	20.5	14.5	11	9.5
SHRINKAGE PROPERTIES收缩性				MD TD		MD TD			
Free Shrinkage 收缩率	100°C	%	D2732	17.5	27.5	16.0	26.0		
	110°C			36.5	44.5	34.0	43.0		
	120°C			70.5	72.0	68.5	67.0		
	130°C			81.0	79.5	80.0	79.0		
				MD TD		MD TD			
Shrink Tension 收缩张力	100°C	Mpa	D2838	2.30	2.55	2.70	2.85		
	110°C			2.90	3.85	3.40	4.10		
	120°C			3.45	4.25	3.85	4.65		
	130°C			3.20	3.90	3.30	4.00		

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.