

TEST ITEM		UNIT	ASTM TEST	TYPICAL VALUES				
<b>INTRODUCTION</b>								
Post Consumer Recycling				30%Recycled post-consumer polyethylene(RM0193)				
Gauge 厚度				12um	15um	19um	25um	30um
<b>TENSILE</b>								
Tensile Strength (MD) 拉伸强度		N/mm <sup>2</sup>	D882	120	115	110	90	88
Tensile Strength (TD)				115	110	105	85	80
Elongation(MD) 断裂伸长率		%		105	105	110	105	100
Elongation (TD)				95	100	105	95	90
<b>TEAR 撕裂强度</b>								
MD at 400gm		gf	D1922	6.5	10.5	13.5	16.5	20.5
TD at 400gm				5.5	9.8	12.5	16.5	22.5
<b>SEAL STRENGTH 热封强度</b>								
MD\Hot Wire Seal		N/mm	F88	0.75	0.85	0.95	1.15	1.35
TD\Hot Wire Seal				0.95	1.05	1.15	1.25	1.55
<b>COF (Film To Film)</b>								
Static 静摩擦		-	D1894	0.21	0.20	0.18	0.22	0.23
Dynamic 动摩擦				0.22	0.20	0.18	0.22	0.23
<b>OPTICS</b>								
Haze 雾度			D1003	2.8	3.5	3.8	4.0	4.3
Clarity 透明度			D1746	94.0	93.0	92.0	91.0	90.0
Gloss @ 45Deg 光泽度			D2457	87.0	85.0	82.0	80.0	81.0
<b>BARRIER 阻隔性</b>								
Oxygen Transmission Rate 透氧率		cc/m/day	D3985	10300	9200	8200	5600	4200
Water Vapor Transmission Rate 透水汽率		gm/m <sup>2</sup> /day	F1249	30.5	25.9	17.2	14.5	11.2
<b>SHRINKAGE PROPERTIES 收缩性</b>				<b>MD</b>	<b>TD</b>	<b>MD</b>	<b>TD</b>	
Free Shrinkage 收缩率	100°C	%	D2732	17	26	14	23	
	110°C			32	44	29	42	
	120°C			54	59	53	60	
	130°C			68	69	68	69	
Shrink Tension 收缩张力	100°C	Mpa	D2838	1.65	2.35	1.70	2.25	
	110°C			2.55	3.20	2.65	3.45	
	120°C			2.70	3.45	2.95	3.65	
	130°C			2.45	3.10	2.75	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.

以上资料是本公司内部评测之数据,仅供参考。