

| TEST ITEM | | UNIT | ASTM TEST | TYPICAL VALUES | | | | |
|------------------------------------|--|----------|-----------|--|-----------|-----------|-----------|------|
| INTRODUCTION | | | | | | | | |
| Post Consumer Recycling | | | | 31%Recycled post-consumer polyethylene(RM0193) | | | | |
| Gauge 厚度 | | | | 12um | 15um | 19um | 25um | 30um |
| TENSILE | | | | | | | | |
| Tensile Strength (MD) 拉伸强度 | | N/mm² | D882 | 130 | 130 | 125 | 120 | 115 |
| Tensile Strength (TD) | | | | 115 | 115 | 110 | 110 | 110 |
| Elongation(MD) 断裂伸长率 | | | | 120 | 125 | 115 | 125 | 120 |
| Elongation (TD) | | | | 105 | 110 | 110 | 110 | 100 |
| | | % | | | | | | |
| TEAR 撕裂强度 | | | | | | | | |
| MD at 400gm | | gf | D1922 | 7.5 | 11.5 | 14.3 | 16.7 | 21.5 |
| TD at 400gm | | | | 6.5 | 9.8 | 14.8 | 17.2 | 23.4 |
| SEAL STRENGTH 热封强度 | | | | | | | | |
| MD\Hot Wire Seal | | N/mm | F88 | 1.13 | 1.20 | 1.40 | 1.55 | 1.95 |
| TD\Hot Wire Seal | | | | 1.18 | 1.40 | 1.55 | 1.65 | 2.05 |
| COF (Film To Film) | | | | | | | | |
| | | - | | | | | | |
| 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 |
| OPTICS | | | | | | | | |
| Haze 雾度 | | | D1003 | 2.7 | 3.2 | 3.6 | 4.0 | 4.5 |
| Clarity 透明度 | | | D1746 | 94.0 | 92.5 | 91.5 | 90.5 | 90.0 |
| Gloss @ 45Deg 光泽度 | | | D2457 | 86.0 | 85.0 | 84.0 | 82.0 | 81.0 |
| BARRIER 阻隔性 | | | | | | | | |
| Oxygen Transmission Rate 透氧率 | | cc/m/day | D3985 | 9800 | 8800 | 7500 | 5100 | 3900 |
| Water Vapor Transmission Rate 透水汽率 | | gm/m/day | F1249 | 27.8 | 23.5 | 19.4 | 11.6 | 9.2 |
| SHRINKAGE PROPERTIES 收缩性 | | | | MD | TD | MD | TD | |
| | | | | | | | | |
| Free Shrinkage 收缩率 | | % | D2732 | 14.0 | 22.5 | 13.0 | 22.0 | |
| | | | | 36.5 | 45.0 | 33.0 | 44.5 | |
| | | | | 73.0 | 71.5 | 70.5 | 70.0 | |
| | | | | 81.0 | 80.0 | 81.0 | 80.0 | |
| | | | | | | | | |
| | | | | MD | MD | TD | TD | |
| Shrink Tension 收缩张力 | | Mpa | D2838 | 2.05 | 2.35 | 1.70 | 2.25 | |
| | | | | 2.75 | 3.65 | 2.65 | 3.45 | |
| | | | | 3.15 | 4.05 | 2.95 | 3.65 | |
| | | | | 3.00 | 3.65 | 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。