

Specification

PRODUCT: SL-F-H POLYIMIDE FILM
0.03MM(T) THICKNESS

STANDARD: JB2726—96

| Item | | | Units | Limits | | Results | |
|----------------------------------|----------|-----|-------------------|---------------------|-----------|------------------|-----------|
| Density | | | g/cm ³ | 1.42±0.02 | | 1.43 | |
| Thickness | | | mm | 0.03±0.003 | | 0.03 | |
| Tensile Strength | TD | Mpa | ≥135 | | 200 | | |
| | MD | | ≥115 | | 150 | | |
| Elongation | TD | % | ≥35 | | 60 | | |
| | MD | | ≥35 | | 70 | | |
| Breakdown Strength at 50 Hz | | | KV/mm | Average ≥ 150 | Mini ≥100 | Average ≥ 220 | Mini ≥180 |
| Shrinkage | 150 ℃ | TD | ≤1.0 | | 0 | | |
| | | MD | ≤1.0 | | 0 | | |
| | 400 ℃ | TD | ≤3.0 | | 0.9 | | |
| | | MD | ≤3.0 | | 2.1 | | |
| Volume Resistance at 200±5 ℃ | | | Ω .mm | ≥1×10 ¹⁰ | | ----- | |
| Surface Resistance at 200±5 ℃ | | | Ω | ≥1×10 ¹³ | | ----- | |

CONCLUSION: THE MATERIAL IS STRICTLY COMPLIED WITH THE STANDARD.