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Test Report

| | | | |
|-------------------|-----------------------|-----------|------|
| Product Name | PET Milky/White Films | Grade | A |
| Type | RFC110 | Thickness | 30um |
| Surface treatment | in | Tester | 张丽琴 |

Thickness :

100,125,150,188,200,250

Application:

Slot and coil insulation of motor,separate insulating base material between the coils of dry transformer etc

Typical property

| Item 项目 | Unit 单位 | Value 典型数值 | | | | | | Test condition 测试方法 | |
|---|------------|----------------------|-----|-----|-----|-----|-----|------------------------|------------------|
| Thickness 厚度 | Um | 100 | 125 | 150 | 188 | 200 | 250 | GB/T13542.1-2009 | |
| Tensile strength 拉伸强度 | MD 纵向 | Mpa | 196 | 179 | 180 | 182 | 182 | 171 | GB/T13542.2-2009 |
| | TD 横向 | | 200 | 190 | 205 | 193 | 195 | 177 | |
| Elongation at break 断裂伸长率 | MD 纵向 | % | 131 | 137 | 165 | 170 | 176 | 185 | GB/T13542.2-2009 |
| | TD 横向 | | 100 | 114 | 112 | 110 | 106 | 115 | |
| Heat shrinkage 尺寸变化 (150℃,30min) | MD 纵向 | % | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | GB/T13542.2-2009 |
| | TD 横向 | | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.5 | |
| Haze 雾度 | % | 0.8 | 0.7 | 0.9 | 0.9 | 0.9 | 1.1 | GB/T2410-2008 | |
| Electrical strength 工频电气强度 | V/um | 123 | 105 | 97 | 87 | 80 | 72 | GB/T13542.2-2009 | |
| Volume resistivity 体积电阻率 | Ω.m | 1.3X10 ¹⁵ | | | | | | GB/T13542.2-2009 | |
| Dielectric loss tangent 介质损耗因数 (50Hz) | | 2.5X10 ⁻³ | | | | | | GB/T13542.2-2009 | |
| Relative dielectric constant 相对介电常数 (50HZ) | | 3.4 | | | | | | GB/T13542.2-2009 | |