

Polyester Wire Enamel (PE)

聚酯漆包線漆

| Product | Viscosity | | Solid Content | | Characteristics And Applications | Conductor Diameter | Film Thickness | Heat Shock | | Cut Through | Breakdown Voltage | Flexibility | | Tanδ | Thermal Index | UL File No. E173840 | |
|----------------|---------------|-----------------|-----------------|-----------------|--|--------------------|----------------|------------|------|-------------|-------------------|-------------|-----|------|---------------|---------------------|-----------------|
| 產品名稱 | 粘度 | | 固體含量 (%) | | | 特性及應用 | 裸線直徑 | 漆膜厚度 | 耐熱衝擊 | | 軟化擊穿 | 擊穿電壓 | 柔韌性 | | 介質損耗 | 耐熱指數 | UL 認證號碼 E173840 |
| | Ford cup (#4) | Brookfield type | 200°C ×2hr×1.5g | 180°C ×1hr×1.0g | | | mm | µm | x d | °C | °C | kV | % | x d | °C | °C | |
| TPE 3000-30 | 30±5 | 70±20 | 30.0±1.0 | 31.0±1.0 | 作業性、可撓性、針孔性佳 Excellent workability, flexibility and pinhole free. | 0.30 | 39 | 5 | 175 | 310 | 8.6 | 20 | 1 | 135 | 155 | V | |
| TPE 3000-35 | 75±10 | 170±40 | 35.0±1.0 | 36.0±1.0 | | | | | | | | | | | | | |
| TPE 3000-35L | 70±10 | 150±40 | 35.0±1.0 | 36.0±1.0 | 作業性、可撓性佳、可高速化作業 Excellent workability, flexibility. Also use for high speed machine. | 0.30 | 33 | 5 | 175 | 311 | 8.7 | 20 | 1 | 136 | 155 | V | |
| TPE 3000-35LGD | 70±10 | 150±40 | 35.0±1.0 | 36.0±1.0 | 作業性、特殊色相需求 Excellent workability and special color requirement. | 0.50 | 42 | 3 | 175 | 292 | 9.5 | 20 | 1 | 127 | 155 | V | |
| LITON 3330J | 45±10 | 100±20 | 30.0±1.0 | 31.0±1.0 | 毛氈作業範圍廣、針孔性佳；剝漆性佳 Excellent workability for felt application, pinhole free. Coating stripped by agent easily. | 0.30 | 40 | 3 | 175 | 311 | 10.6 | 20 | 1 | 141 | 155 | V | |
| LITON 3335SQ | 185±30 | 550±140 | 35.0±1.0 | 36.0±1.0 | 可撓性、作業範圍廣、針孔性與耐熱衝擊佳；剝漆性佳 Excellent flexibility, pinhole and heat shock, wide range of workability. Coating stripped by agent easily. | 0.30 | 40 | 2 | 175 | 325 | 10.5 | 20 | 1 | 145 | 155 | V | |
| LITON 3337SQ | 200±20 | 700±150 | 37.0±1.0 | 38.0±1.0 | | | | | | | | | | | | | |
| LITON 3340SQ | N/A | 1500±200 | 40.0±1.0 | 41.0±1.0 | | | | | | | | | | | | | |
| LITON 3342S | N/A | 2500±300 | 42.0±1.0 | 43.0±1.0 | 橫爐、立爐作業性佳、高濃度化；剝漆性佳 High solid content with excellent workability on both horizontal as well as vertical machines. Coating stripped by agent easily. | 0.30 | 45 | 3 | 175 | 319 | 11.9 | 20 | 1 | 145 | 155 | V | |
| FPE 9040H | 375±35 | 1000±250 | 40.0±1.0 | 41.0±1.5 | THEIC PE, 高耐軟化溫度、作業性佳 THEIC PE, high cut-through temperature, excellent workability. | 0.80 | 35 | 3 | 200 | 383 | 13.1 | 20 | 1 | 170 | 180 | V | |
| FPE 9045H | N/A | 2000±500 | 45.0±1.0 | 46.0±1.5 | | 1.20 | 40 | 3 | 200 | 380 | 14.4 | 20 | 1 | 175 | 180 | V | |
| PAO PEF 35J | NA | 300±50 | 35.0±1.0 | 36.0±1.0 | 扁平線毛氈作業應用、作業性、高濃度低黏度可降低生產成本 For rectangular wire use, felt application, excellent workability, high solid content with low viscosity, can reduce production cost. | 0.30 | 45 | 3 | 175 | 318 | 9.6 | 15 | 1 | 138 | 155 | V | |

※耐熱衝擊符合 NEMA 標準
 ※ The heat shock test conform to the standard of NEMA