

超塑烯® UE634-04

EVATHENE® UE634-04

乙稀醋酸乙稀酯共聚合樹脂

ETHYLENE-VINYL ACETATE COPOLYMER RESINS



| 概述 | Description |
|--------------------------------|--|
| 超塑烯® UE634-04 是一種乙稀醋酸乙稀酯共聚合樹脂。 | EVATHENE® UE634-04 is an ethylene-vinyl acetate copolymer resin (EVA). |

| 特性 | Characteristics |
|----------|-----------------------------------|
| ◇ 柔軟性 | ◇ Flexibility |
| ◇ 彈性特佳 | ◇ Elasticity |
| ◇ 粘著性優異 | ◇ Excellent adhesion |
| ◇ 耐低溫性良好 | ◇ Good low temperature resistance |
| ◇ 相容性良好 | ◇ Greater compatibility |
| ◇ 熱穩定性佳 | ◇ Outstanding thermal stability |
| ◇ 衛生無毒 | ◇ Non-toxicity |

| 應用 | Applications |
|-------------|-----------------------------|
| 1. 配製熱熔膠 | 1. Hot melt adhesives |
| 2. 鞋材發泡 | 2. Shoe sole foaming |
| 3. 電線電纜摻合樹脂 | 3. Wire and cable compounds |

物理性質 Physical Properties

| 項目 Properties | 試驗方法 Test Method | 數 值 Typical Value |
|--|---------------------|----------------------|
| VA 含量 VA Content (%) | USI | 28 |
| 熔融指數 Melt Index (g/10min) | ASTM D1238 | 6 |
| 密度 Density (g/cm ³) | ASTM D792 | 0.948 |
| 斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/ cm ²) | ASTM D638 | 180 |
| 斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%) | ASTM D638 | 830 |
| 低溫脆裂溫度 Low Temperature Brittleness(°C/F50) | ASTM D746 | <-76 |
| 衛氏軟化溫度 Vicat Softening Temperature (°C) | ASTM D1525 | 45 |
| 環球軟化溫度 Ring and Ball Softening Point (°C) | ASTM E28 | 145 |
| 熔點 Melt Point (°C) | ASTM D3418 | 73 |
| 硬度(蕭氏 A) Hardness (Shore A) | ASTM D2240 | 78 |