

超塑烯 EVATHENE®

乙烯·醋酸乙烯酯共聚合塑膠

Ethylene-Vinyl Acetate Copolymers

UE649-04



特性

超塑烯 UE649-04 為極高流動性中等醋酸乙烯酯含量的乙烯醋酸乙烯酯共聚合物，其具有許多優異特性，諸如：柔軟性與彈性兼備、熱安定性優異、耐低溫性極佳、相容性良好、抗結塊性良好，以及衛生無毒等。

UE649-04 擁有優異的熱穩定性及可撓性，與增黏劑樹脂及石蠟的兼容性佳，為最泛用於配製熱熔膠的 EVA 之一。

超塑烯 UE649-04 所配製熱熔膠與大部份材質的接著強度佳、易塗佈施工，且不含任何溶劑而符合環境保護的要求，其極適用於包裝、木業及其他產品之裝配等。

Characteristics

EVATHENE UE649-04 is a high flowability and medium VA content ethylene vinyl acetate copolymer (EVA) with many excellent properties, such as characteristic flexibility and elasticity, thermal stability, good low temperature resistance, good compatibility, resistance to blocking and non-toxicity, etc.

It possesses excellent heat stability、flexibility and good compatibility with tackifier resins and petroleum wax. The characteristics stated make EVATHENE UE649-04 to be the popular one of EVA for making hot melt.

The hot melt made by EVATHENE UE649-04 adheres with other materials which possess good adhesive strength, easy coating and non-solvent fit the request of environment protection and the hot melt is suitable for packaging, wood-working and other product assemblies.

應用

1. 配製熱熔膠

Applications

1. Hot melt adhesives

物理性質 Physical Properties

| 項目 Properties | 試驗方法 Test Method | 數 值 Typical Value |
|---|---------------------|----------------------|
| VA 含量 VA Content (%) | USIFE | 19 |
| 密度 Density (g/cm ³) | ASTM D1505 | 0.934 |
| 熔融指數 Melt Index (g/10min) | ASTM D1238 | 400 |
| 斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm ²) | ASTM D638 | 30 |
| 斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%) | ASTM D638 | 300 |
| 抗低溫脆裂性 Low Temperature Brittleness(°C/F50) | ASTM D746 | <-30 |
| 衛氏軟化溫度 Vicat Softening Point(°C) | ASTM D1525 | 39 |
| 熔點 Melt Point (°C) | USI Method | 78 |
| 環球軟化點 R&B Softening Point(°C) | ASTM E28 | 91 |

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