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# 超塑烯® UE638-04
# EVATHENE® UE638-04
# 乙烯醋酸乙烯酯共聚合樹脂
# ETHYLENE-VINYL ACETATE COPOLYMER RESINS

## 概述 Description

超塑烯® UE638-04 是一種乙烯醋酸乙烯酯共聚合樹脂。

EVATHENE® UE638-04 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

配製熱熔膠

Hot melt adhesives

## 物理性質 Physical Properties

| 項　目<br>Properties | 試驗方法<br>Test Method | | 數　值<br>Typical Value |
|---|---|---|---|
| VA 含量 VA Content (wt%) | USI | | 28 |
| 熔融指數 Melt Index (g/10min) | ASTM | D1238 | 18 |
| 密度 Density (g/cm$^3$) | ASTM | D792 | 0.948 |
| 斷裂點抗張強度(模片)<br>Tensile Strength(Molded) (Break) (kg/ cm$^2$) | ASTM | D638 | 125 |
| 斷裂點伸長率 (模片)<br>Ultimate Elongation(Molded) (%) | ASTM | D638 | 900 |
| 低溫脆裂溫度 Low Temperature Brittleness(℃/F50) | ASTM | D746 | <-76 |
| 衛氏軟化溫度 Vicat Softening Temperature (℃) | ASTM | D1525 | 42 |
| 環球軟化溫度 Ring and Ball Softening Point (℃) | ASTM | E28 | 125 |
| 熔點 Melt Point (℃) | ASTM | D3418 | 72 |
| 硬度(蕭氏 A) Hardness (Shore A) | ASTM | D2240 | 75 |