

# 超塑烯® UE633

# EVATHENE® UE633

# 乙稀醋酸乙稀酯共聚合樹脂

# ETHYLENE-VINYL ACETATE COPOLYMER RESINS



## 概述

超塑烯® UE633 是一種乙稀醋酸乙稀酯共聚合樹脂，可運用在注塑與擠壓成型設備。

## Description

EVATHENE® UE633 is an ethylene-vinyl acetate copolymer resin (EVA) for use in injection molding and extrusion coating machine.

## 特性

- ◇ 柔軟性
- ◇ 彈性特佳
- ◇ 粘著性優異
- ◇ 耐低溫性良好
- ◇ 抗外界應力龜裂性很強
- ◇ 衛生無毒

## Characteristics

- ◇ Flexibility
- ◇ Elasticity
- ◇ Excellent adhesion
- ◇ Good low temperature resistance
- ◇ Good resistance to environmental stress cracking
- ◇ Non-toxicity

## 應用

1. 配製熱熔膠
2. 擠壓塗覆

## Applications

1. Hot melt adhesives
2. Extrusion coating

## 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                 | 19                   |
| 熔融指數 Melt Index (g/10min)   | ASTM D1238          | 20                   |
| 密度 Density (g/cm <sup>3</sup> )                                       | ASTM D792           | 0.938                |
| 斷裂點抗張強度(模片)<br>Tensile Strength(Molded) (Break) (kg/cm <sup>2</sup> ) | ASTM D638           | 130                  |
| 斷裂點伸長率 (模片)<br>Ultimate Elongation(Molded) (%)                        | ASTM D638           | 790                  |
| 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          | 60                   |
| 熔點 Melt Point (°C)  | ASTM D3418          | 83                   |
| 硬度(蕭氏 A) Hardness (Shore A)   | ASTM D2240          | 88                   |

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