

# 超塑烯® UE4003

# EVATHENE® UE4003

# 乙烯醋酸乙烯酯共聚合樹脂

# Ethylene-Vinyl Acetate Copolymer Resins



## 概述

超塑烯® UE4003 是一種高 VA 含量的乙烯醋酸乙  
烯酯共聚合樹脂，可運用於注塑與模壓發泡成型  
設備。

## Description

EVATHENE® UE4003 is an ethylene-vinyl acetate  
copolymer resin (EVA) with high VA content for use in  
foam injection and compression molding machine.

## 特性

- ◇ 柔軟
- ◇ 彈性
- ◇ 低溫柔軟性很好
- ◇ 黏著力優異

## Characteristics

- ◇ Flexibility
- ◇ Elasticity
- ◇ Low temperature flexibility
- ◇ Excellent adhesion

## 應用

1. 鞋材發泡
2. 電線電纜摻合樹脂

## Applications

1. Shoe sole foaming
2. Wire and cable compounds

## 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 (%)  | USI                    | 40                   |
| 熔融指數 Melt Index (g/10min)   | ASTM D1238             | 3                    |
| 密度 Density (g/cm <sup>3</sup> )   | ASTM D792              | 0.967                |
| 斷裂點抗張強度(模片)<br>Tensile Strength at Break (Molded) (kg/cm <sup>2</sup> ) | ASTM D638              | 81                   |
| 斷裂點伸長率(模片)<br>Ultimate Elongation at Break (Molded) (%)                 | ASTM D638              | >1000                |
| 環球軟化溫度 Ring&Ball Softening Temperature(°C)                              | ASTM E28               | -                    |
| 熔點 Melting Point (°C)   | ASTM D3418             | 48                   |
| 硬度(蕭氏 A) Hardness (Shore A)   | ASTM D2240             | 43                   |

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