

# 超塑烯® UE2803

# EVATHENE® UE2803

# 乙烯醋酸乙烯酯共聚合樹脂

# ETHYLENE-VINYL ACETATE COPOLYMER RESINS



## 概述

超塑烯® UE2803 是一種乙烯醋酸乙烯酯共聚合樹脂，可運用於電線電纜摻合樹脂、一般摻合應用、注塑與模壓發泡成型。

## Description

EVATHENE® UE2803 is an ethylene-vinyl acetate copolymer resin (EVA) for use in wire and cable compounds, general compounding and foam injection, compression molding.

## 特性

- ◇ 柔軟與彈性佳
- ◇ 低溫柔軟性很好
- ◇ 熱穩定性佳
- ◇ 高填料附載
- ◇ 良好機械性

## Characteristics

- ◇ Flexibility and elasticity
- ◇ Low temperature flexibility
- ◇ Outstanding thermal stability
- ◇ High filler loading
- ◇ Excellent mechanical property

## 應用

1. 電線電纜摻合樹脂
2. 一般摻合應用
3. 鞋材發泡

## Applications

1. Wire and cable compounds
2. General compounding
3. Shoe sole foaming

## 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (wt%)	USI	28
熔融指數 Melt Index (g/10min)	ASTM D1238	3
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.950
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm <sup>2</sup> )	ASTM D638	200
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
熔點 Melt Point (°C)	ASTM D3418	74
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	81

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