

# 超塑烯® UE3312

# EVATHENE® UE3312

# 乙稀醋酸乙稀酯共聚合樹脂

# ETHYLENE-VINYL ACETATE COPOLYMER RESINS



## 概述

超塑烯® UE3312 是一種乙稀醋酸乙稀酯共聚合樹脂，可運用在注塑與模壓發泡成型設備。

## Description

EVATHENE® UE3312 is an ethylene-vinyl acetate copolymer resin (EVA) for use in foam injection and compression molding machine.

## 特性

- ◇ 柔軟
- ◇ 彈性
- ◇ 抗外界應力龜裂性很強
- ◇ 低溫柔軟性很好
- ◇ 加工容易

## Characteristics

- ◇ Flexibility
- ◇ Elasticity
- ◇ Good resistance to environmental stress cracking
- ◇ Low temperature flexibility
- ◇ Easy processability

## 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 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (wt%)	USI	33
熔融指數 Melt Index (g/10min)	ASTM D1238	12
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.956
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm <sup>2</sup> )	ASTM D638	90
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	1000
低溫脆裂溫度 Low Temperature Brittleness(°C/F50)	ASTM D746	<-76
熔點 Melt Point (°C)	ASTM D3418	64
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	65

