

# 超塑烯® UE629

## EVATHENE® UE629

### 乙稀醋酸乙稀酯共聚合樹脂



## ETHYLENE-VINYL ACETATE COPOLYMER RESINS

### 概述

超塑烯® UE629 是一種乙稀醋酸乙稀酯共聚合樹脂，可運用在注塑發泡與模壓發泡成型、平板擠壓、吹膜成型、鑄膜擠壓及共擠壓的設備。

### Description

EVATHENE® UE629 is an ethylene-vinyl acetate copolymer resin (EVA) for use in foam injection, foam compression molding, sheet extrusion, blown molding, casting and co-extrusion machine.

### 特性

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

### Characteristics

- ◇ Flexibility
- ◇ Elasticity
- ◇ Great resistance to environmental stress cracking
- ◇ Low temperature flexibility

### 應用

1. 鞋材發泡
2. 食品包裝

### Applications

1. Shoe sole foaming
2. Food packaging

## 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (%)	USI	18
熔融指數 Melt Index (g/10min)	ASTM D1238	2.5
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.939
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm <sup>2</sup> )	ASTM D638	180
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	750
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	64
熔點 Melt Point (°C)	ASTM D3418	86
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	90

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