

# EVA RESIN, POLYMER-E<sup>®</sup> 百利滿-E<sup>®</sup>



## 乙烯醋酸乙烯酯共聚合樹脂

## Ethylene Vinyl Acetate Copolymer Resins

### V26061

#### 特性

V26061 是一種乙烯醋酸乙烯酯共聚合樹脂，具有很多優異特性，包括：柔軟而有彈性、無毒、低溫柔軟性很好，以及加工容易等。

V26061 主要用途係在添加交聯劑及發泡劑後，以模壓發泡成型法或射出發泡成型法製造鞋中底。

#### Characteristics

POLYMER-E<sup>®</sup> V26061 is the ethylene vinyl acetate copolymer resin (EVA), possessing many excellent characteristics including flexibility, elasticity, non-toxicity, low temperature flexibility, good processability, etc.

One of the major application of POLYMER-E<sup>®</sup> V26061 is mixed with blowing agent and cross-linking agent for compression molding foam or injection molding foam of shoe midsole.

#### 應用

1. 射出發泡
2. 鞋材發泡
3. 電線電纜

#### Applications

1. Injection Foam
2. Shoe Sole Foam
3. Wire and Cable

### 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (%)	APC	26
密度 Density (g/cm <sup>3</sup> )	ASTM D1505	0.949
熔融指數 Melt Index (g/10min)	ASTM D1238	6.0
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/cm <sup>2</sup> )	ASTM D638	160
斷裂點伸長率(模片) Ultimate Elongation at Break (Molded) (%)	ASTM D638	800
抗低溫脆裂性 Low Temperature Brittleness (°C/F50)	ASTM D746	<-70
衛氏軟化溫度 Vicat Softening Point (°C)	ASTM D1525	50
熔點 Melting Point (°C)	DSC	75
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	30

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