

EVA RESIN, POLYMER-E[®] 百利滿-E[®]

乙烯醋酸乙烯酯共聚合樹脂

Ethylene Vinyl Acetate Copolymer Resins

V26031



特性

V26031 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。

V26031 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[®] V26031 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[®] V26031 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 ³)	ASTM D1505	0.950
熔融指數 Melt Index (g/10min)	ASTM D1238	3.0
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/cm ²)	ASTM D638	230
斷裂點伸長率(模片) Ultimate Elongation at Break (Molded) (%)	ASTM D638	780
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	70
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	31

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