

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

V33051



特性

V33051 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，透明，無毒，抗外界應力龜裂性很強，抗衝擊强度高，低溫柔軟性很好，以及加工容易等。

V33051 可添加發泡劑、交聯劑及無機填充物，以射出成型或模壓法製造交聯發泡鞋材。

Characteristics

POLYMER-E® V33051 is the ethylene vinyl acetate copolymer resin (EVA), possessing many excellent characteristics including flexibility, elasticity, transparency, non-toxicity, good resistance to environmental stress cracking, low temperature flexibility, good processability, etc.

One of the applications is the incorporation of foaming agents, crosslinking agents and inorganic fillers with **POLYMER-E® V33051** for injection and compression molding of shoe sole foam..

應用

1. 鞋材發泡
2. 射出發泡
3. 一般摻合應用
4. 電線電纜摻合樹脂

Applications

1. Shoe Sole Foam
2. Injection Foam
3. General Compounding
4. 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 (%)	APC	33
密度 Density (g/cm ³)	ASTM D1505	0.958
熔融指數 Melt Index (g/10min)	ASTM D1238	5.5
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/cm ²)	ASTM D638	110
斷裂點伸長率 (模片) Ultimate Elongation at Break (Molded) (%)	ASTM D638	1050
衛氏軟化溫度 Vicat Softening Point (°C)	ASTM D1525	-
熔點 Melting Point (°C)	DSC	63
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	67

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