

EVA RESIN, EVATHENE[®] 超塑烯[®]

乙烯醋酸乙烯酯樹脂

Ethylene-Vinyl Acetate Copolymer Resin

UE3312



特性

UE3312 是一種乙烯-醋酸乙烯酯共聚合物，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。

UE3312 可添加發泡劑、交聯劑及無機填充物，以射出成型法製造交聯發泡鞋材。

Characteristics

UE3312 is the ethylene vinyl acetate copolymer, possessing many excellent characteristics including flexibility, elasticity, transparency, non-toxicity, good resistance to environmental stress cracking, low temperature flexibility, easy processability and etc.

One of the applications is the incorporation of foaming agents, crosslinking agents and inorganic fillers with UE3312 for injection and compression molding of X-linked foam shoes.

應用

1. 交聯發泡鞋材
2. 電線電纜摻合樹脂
3. 一般摻合應用
4. 射出成型

Applications

1. X- linked foam shoes
2. Wire and cable compounds
3. General compounding
4. Injection molding

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		33
密度 Density (g/cm ³)	ASTM	D792	0.955
熔融指數 Melt Index (g/10min)	ASTM	D1238	12
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/ cm ²)	ASTM	D638	85
斷裂點伸長率 (模片) Ultimate Elongation at Break (Molded) (%)	ASTM	D638	1000
衛氏軟化溫度 Vicat Softening Point (°C)	ASTM	D1525	-
熔點 Melting Point (°C)	DSC		67
硬度(蕭氏 A) Hardness (Shore A)	ASTM	D2240	70

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