

超塑烯® UE2803

EVATHENE® UE2803

乙稀醋酸乙稀酯共聚合樹脂

ETHYLENE-VINYL ACETATE COPOLYMER RESINS



概述

超塑烯® UE2803 是一種乙稀醋酸乙稀酯共聚合樹脂，可運用於電線電纜摻合樹脂、一般摻合應用、注塑與模壓發泡成型。

Description

EVATHENE® UE2803 is an ethylene-vinyl acetate copolymer resin (EVA) for use in wire and cable compounds, general compounding and foam injection, compression molding.

特性

- ◇ 柔軟與彈性佳
- ◇ 低溫柔軟性很好
- ◇ 熱穩定性佳
- ◇ 高填料附載
- ◇ 良好機械性

Characteristics

- ◇ Flexibility and elasticity
- ◇ Low temperature flexibility
- ◇ Outstanding thermal stability
- ◇ High filler loading
- ◇ Excellent mechanical property

應用

1. 電線電纜摻合樹脂
2. 一般摻合應用
3. 鞋材發泡

Applications

1. Wire and cable compounds
2. General compounding
3. Shoe sole foaming

物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (wt%)	USI	28
熔融指數 Melt Index (g/10min)	ASTM D1238	3
密度 Density (g/cm ³)	ASTM D792	0.950
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm ²)	ASTM D638	200
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	830
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	45
熔點 Melt Point (°C)	ASTM D3418	74
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	81

