超塑烯® UE2803
EVATHENE® UE2803
乙烯醋酸乙烯酯共聚合樹脂
ETHYLENE-VINYL ACETATE COPOLYMER RESINS

概述

超塑烯® UE2803 是一種乙烯醋酸乙烯酯共聚合樹脂，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
低温脆裂温度 Low Temperature Brittleness(℃/F50)	ASTM	D746	<-76
衛氏軟化溫度 Vicat Softening Temperature (℃)	ASTM	D1525	45
熔點 Melt Point (℃)	ASTM	D3418	74
硬度(蕭氏 A) Hardness (Shore A)	ASTM	D2240	81

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