超塑烯® UE659
EVATHENE® UE659
乙烯醋酸乙烯酯共聚合樹脂
ETHYLENE-VINYL ACETATE COPOLYMER RESINS

概述

超塑烯® UE659 是一種乙烯醋酸乙烯酯共聚合樹脂，可運用在注塑成型、吹膜成型及共擠壓的設備。

Description

EVATHENE® UE659 is an ethylene-vinyl acetate copolymer resin (EVA) for use in injection, blown molding, and co-extrusion machine.

特性

- ✧ 柔軟
- ✧ 彈性
- ✧ 抗外界應力龜裂性很強
- ✧ 低溫柔軟性很好
- ✧ 加工容易

Characteristics

- ✧ Flexibility
- ✧ Elasticity
- ✧ Great resistance to environmental stress cracking
- ✧ Low temperature flexibility
- ✧ Easy processability

應用

1. 鞋材發泡
2. 配製熱熔膠
3. 電線電纜摻合樹脂

Applications

1. Shoe sole foaming
2. Hot melt adhesives
3. 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 (wt%)	USI		25
熔融指數 Melt Index (g/10min)	ASTM	D1238	2.0
密度 Density (g/cm^3)	ASTM	D792	0.947
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/ cm^2)	ASTM	D638	210
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM	D638	890
低温脆裂温度 Low Temperature Brittleness(℃/F50)	ASTM	D746	<-76
衛氏軟化溫度 Vicat Softening Temperature (℃)	ASTM	D1525	54
熔點 Melt Point (℃)	ASTM	D3418	77
硬度(蕭氏 A) Hardness (Shore A)	ASTM	D2240	84

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