

超塑烯 EVATHENE®

乙烯·醋酸乙烯酯共聚合塑膠

Ethylene-Vinyl Acetate Copolymers

UE632



特性

UE632 是一種乙烯醋酸乙烯酯共聚合塑膠，具有柔軟、彈性、透明、無毒等特性，同時抗外界應力龜裂性、抗衝擊強度及低溫柔軟性均極優異，而且加工十分容易，因此可用於開發各種新用途，特別是替代軟質 PVC、橡膠與其他彈性材料。UE632 主要用途係在添加交聯劑及發泡劑後，以壓縮成型法或射出成型法製造發泡鞋底，由於成品兼具柔軟度及物理強度，因此廣受客戶喜愛。此外，超塑烯 UE632 亦可用於射出成型、異型擠壓以及添加適當添加劑後用於吹膜擠壓。

應用

1. 壓縮成型(發泡)，吹膜擠壓

Characteristics

UE632 is a high VA content ethylene-vinyl acetate copolymer(EVA) with excellent low temperature impact strength, environmental stress crack resistance, flexibility, elasticity, transparency, and easy processability. It could be developed for many new applications and substitute for flexible PVC, rubbers, and other elastomers. One of major application of UE632 is incorporated with blowing agent and cross-linking agent for compression molding or injection molding of foamed shoe sole. Besides, UE632 could be processed by profile extrusion, injection molding, and blown-extrusion while incorporated with additives.

Applications

1. Compressing Molding(foam), Extrusion

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 Method	22
密度 Density (g/cm ³)	ASTM D1505	0.942
熔融指數 Melt Index (g/10min)	ASTM D1238	2.2
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm ²)	ASTM D638	170
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	820
抗低溫脆裂性 Low Temperature Brittleness(°C/F50)	ASTM D746	<-76
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	58
熔點 Melt Point (°C)	USI Method	82
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	34

據本公司所知，上述資料應屬正確無誤，惟因使用時之情況非受本公司管制，所以本公司對上述所作之一切建議，恕不負保證之責。
The information contained herein is, to our best knowledge, true and accurate. However, since conditions of use are beyond our control, all risks of such use are assumed by users.

USI Corporation 台灣聚化品股份有限公司

Tel:886-2-87516888 Fax:886-2-26599599 Web:www.usife.com.tw E-mail:service_usi@tpe.usife.com.tw

Address:12th Floor, No.37 Ji Hu Road, Nei Hu District, Taipei 114, Taiwan 地址:台北市 114 內湖區基湖路 37 號 12 樓