

超塑烯 EVATHENE®

乙烯・醋酸乙烯酯共聚合塑膠

Ethylene-Vinyl Acetate Copolymers

UE633



特性

超塑烯 UE633 是專為射出成型與押出塗膠而發展的乙烯醋酸乙烯酯共聚合物。

超塑烯 UE633 適用於射製游泳腳具、塞子、腳踏車把手等等，所有的產品都需要柔軟度與抗龜裂的特性。

UE633 也可以添加增黏劑及低分子量的低密度聚乙烯用來製造熱熔膠，用於波浪形容器的瞬間接著劑。

Characteristics

EVATHENE UE633 is an ethylene-vinyl acetate copolymer (EVA) resins designed for injection molding and extrusion coating. The most distinguished characteristic of **EVATHENE UE633** is its strong resistance to stress cracking. UE633 is most ideal for making swimming fin, closure, bicycle handle, knife holder etc. All these products need softness and anticracking properties.

UE633 can also be mixed with tackifier and low molecular weight LDPE to make hot melt to be used as instant adhesive for corrugated container.

應用

1. 射出成型
2. 押出塗膠

Applications

1. Injection Molding
2. Extrusion coating

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	19
密度 Density (g/cm ³)	ASTM D792	0.938
熔融指數 Melt Index (g/10min)	ASTM D1238	20
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm ²)	ASTM D638	127
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	790
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	60
熔點 Melt Point (°C)	ASTM D3418	83

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