

超塑烯 EVATHENE®

乙烯·醋酸乙烯酯共聚合塑膠

Ethylene-Vinyl Acetate Copolymers

UE508



特性

超塑烯 UE508 是專為不織布的粉末塗膠與熱熔接著而發展的一種乙烯醋酸乙烯酯共聚合塑膠，由於流動性極佳，同時熔點低，因此在粉末塗膠時加工容易，熱熔接著時更具好熨好燙之特點。超塑烯 UE508 由於黏著性強，因此熱熔接著的不織布耐剝離強度極佳，絕不會有輕易剝離的現象。超塑烯 UE508 更具有極佳的耐水性，因此熱熔接著的不織布耐洗，不易變形，商品價值提高。

Characteristics

EVATHENE UE508 is an EVA copolymer especially developed for powder coating and hot melt adhesion for non-woven fabric. A combination of high flow and low melting temperature gives EVATHENE UE508 good processability for powder coating and easy ironing in adhesion applications. Strong adhesion of EVATHENE UE508 provides the excellent peel strength of non-woven fabric. EVATHENE UE508 also possesses excellent water resistance which makes the non-woven fabric adhered with EVATHENE UE508 better water repellent and less deformable and thus raises the value of its product.

應用

1. 不織布的粉末塗膠與熱熔接著

Applications

1. Powder Coating and Hot Melt Adhesion of Non-woven Fabric

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	8
密度 Density (g/cm ³)	ASTM D1505	0.925
熔融指數 Melt Index (g/10min)	ASTM D1238	85
斷裂點抗張強度 Tensile Strength (Break) (kg/cm ²)	ASTM D638	80
斷裂點伸長率 Ultimate Elongation (%)	ASTM D638	400
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	70
熔點 Melt Point (°C)	USI Method	96
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	40

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 台灣聚合化品股份有限公司

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