

超塑烯® UE640-04

EVATHENE® UE640-04

乙烯醋酸乙烯酯共聚合樹脂



ETHYLENE-VINYL ACETATE COPOLYMER RESINS

概述	Description
超塑烯® UE640-04 是一種乙烯醋酸乙烯酯共聚合樹脂。	EVATHENE® UE640-04 is an ethylene-vinyl acetate copolymer resin (EVA).
特性	Characteristics
<ul style="list-style-type: none"> ◇ 極高流動性 ◇ 柔軟性 ◇ 彈性 ◇ 優異的熱穩定性 ◇ 耐低溫性極佳 ◇ 抗結塊性良好 ◇ 衛生無毒 ◇ 與增黏劑樹脂及石蠟的兼容性佳 	<ul style="list-style-type: none"> ◇ High flowability ◇ Flexibility ◇ Elasticity ◇ Excellent heat stability ◇ Good low temperature resistance ◇ Greater resistance to blocking ◇ Non-toxicity ◇ Outstanding compatibility with tackifier resins and petroleum wax
應用	Applications
配製熱熔膠	Hot melt adhesives
瀝青改質	Bitumen modification

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	18
熔融指數 Melt Index (g/10min)	ASTM D1238	500
密度 Density (g/cm ³)	ASTM D792	0.934
斷裂點抗張強度(模片) Tensile Strength(Molded) (Break) (kg/cm ²)	ASTM D638	27
斷裂點伸長率 (模片) Ultimate Elongation(Molded) (%)	ASTM D638	260
低溫脆裂溫度 Low Temperature Brittleness(°C/F50)	ASTM D746	<-30
衛氏軟化溫度 Vicat Softening Temperature (°C)	ASTM D1525	38
環球軟化溫度 Ring and Ball Softening Point (°C)	ASTM E28	90
熔點 Melt Point (°C)	ASTM D3418	78
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	81

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