

EVA RESIN, POLYMER-E[®] 百利滿-E[®]

乙烯醋酸乙烯酯共聚合樹脂

Ethylene Vinyl Acetate Copolymer Resins

V18251



特性

V18251 是專為高速擠壓淋膜而發展的乙烯醋酸乙烯酯共聚合樹脂。V18251 可用於塗佈 BOPP、PET 等基材生產預塗膜、護卡膜等印刷或包裝材產品。

Characteristics

POLYMER-E[®] V18251 is an ethylene vinyl acetate copolymer resin(EVA) for high-speed extrusion coating applications. POLYMER-E[®] V18251 is ideal for thermal lamination film with BOPP、PET substrate in printed or package products.

應用

1. 擠壓淋膜(高速)

Applications

1. Extrusion coating (High speed)

物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
VA 含量 VA Content (%)	APC	18
密度 Density (g/cm ³)	ASTM D1505	0.940
熔融指數 Melt Index (g/10min)	ASTM D1238	25
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/cm ²)	ASTM D638	130
斷裂點伸長率(模片) Ultimate Elongation at Break (Molded) (%)	ASTM D638	800
抗低溫脆裂性 Low Temperature Brittleness (°C/F50)	ASTM D746	<-70
衛氏軟化溫度 Vicat Softening Point (°C)	ASTM D1525	61
熔點 Melting Point (°C)	DSC	83
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	33

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