

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 V18161



特性

V18161 是專為擠壓淋膜而發展的乙 烯 醋 酸 乙 烯 酯 共 聚 合 樹 脂。**V18161** 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。

V18161 也可添加發泡劑、交聯劑及無機填充物，以射出或模壓成型法製造發泡材料。

Characteristics

POLYMER-E[®] V18161 is an ethylene vinyl acetate copolymer resin(EVA) for extrusion coating applications.

POLYMER-E[®] V18161 is ideal for thermal lamination film with BOPP、PET substrate in printed or package products.

POLYMER-E[®] V18161 can also be used with foaming agents, crosslinking agents and inorganic fillers to produce foamed material in injection or compression molding.

應用

1. 擠壓淋膜
2. 模壓/射出發泡

Applications

1. Extrusion coating.
2. Compression/Injection foaming

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	0.938
熔融指數 Melt Index (g/10min)	ASTM D1238	16
斷裂點抗張強度(模片) Tensile Strength at Break (Molded) (kg/cm ²)	ASTM D638	145
斷裂點伸長率 (模片) Ultimate Elongation at Break (Molded) (%)	ASTM D638	760
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	84
硬度(蕭氏 A) Hardness (Shore A)	ASTM D2240	87

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