

低密度聚乙烯樹脂

Low Density Polyethylene Resins

H0100

特性

百利滿-E H0100 熔融指數低，韌性好，適合吹製 0.03~0.08mm 厚的 PE 膜，以供製造手提袋、非肥皂袋、垃圾袋、加工食品袋、冷藏袋、編織袋之內襯袋、木器玩具用袋、夾鏈袋及收縮包裝之用。因為韌性好，所以 H0100 單位包裝重量可達 10kg 左右。

百利滿-E H0100 亦可押出化妝品軟管。

Characteristics

Polymer-E H0100 possess low melt index and good toughness especially suitable for films with thickness of 0.03~0.08 mm. The said films are for package of shopping bags, detergent powder bags, garbage bags, food bags, frozen bags, liner of woven sacks, wooden toy bags, re-closable bags and shrink packaging applications. The toughness of film extruded from **Polymer-E H0100** permits its use for packaging up to about 10kg load.

Polymer-E H0100 is also suitably used for extrusion to produce squeezable tube.

應用

1. 吹膜擠壓
2. 押出軟管

Applications

1. Blown film
2. Extruded tubes

物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數值 Typical Value
密度 Density (g/cm ³)	ASTM D1505	0.923
熔融指數 Melt Index (g/10min)	ASTM D1238	0.5
斷裂點抗張強度(薄膜) MD/TD Tensile Strength at Break (Film) (kg/cm ²)	ASTM D882	270/220
斷裂點伸長率(薄膜) MD/TD Ultimate Elongation at Break (Film) (%)	ASTM D882	320/510
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	101
熔點 Melting Point (°C)	DSC	112
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	53