

# 線塑烯 LINATHENE®

## 線性低密度聚乙烯塑膠原料

### Linear Low Density Polyethylene Resins

#### LL110C



#### 特性

線塑烯 LL110C 為吹膜擠壓與鑄膜擠壓的線形低密度聚乙烯，有著優異的抗衝擊強度、抗張強度、伸長率及光學性質，適合製作重包裝袋、伸縮包裝膜、內襯膜、冷凍包裝等。

#### Characteristics

LINATHENE LL110C is a linear low density polyethylene developed for blown-film extrusion and slot cast film extrusion. Films made from LINATHENE LL110C have excellent impact strength, puncture strength, tear strength, tensile strength, elongation.

LINATHENE LL110C is recommended for the manufacture of heavy duty bags, stretch film, liner film and frozen food packagings etc.

#### 應用

1. 吹膜擠壓
2. 鑄膜擠壓

#### Applications

1. blown film extrusion
2. Casting

### 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數值 Typical Value
密度 Density (g/cm <sup>3</sup> )	ASTM D1505	0.919
熔融指數 Melt Index (g/10min)	ASTM D1238	1.0
降伏點抗張強度 yield point Tensile Strength (kg/cm <sup>2</sup> ) (MD/TD)	ASTM D882	100/90
斷裂點抗張強度 Tensile Strength at break (kg/cm <sup>2</sup> ) (MD/TD)	ASTM D882	220/160
斷裂點伸長率 Elongation at break (%) (MD/TD)	ASTM D882	500/600
抗衝擊強度*(落下實驗)克/半數破壞 Impact Strength(Dart Drop) g/F50*	ASTM D1709	240
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	102
熔點 Melt Point (°C)	USI Method	122

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