

線塑烯 LINATHENE®

線性低密度聚乙烯塑膠原料

Linear Low Density Polyethylene Resins

LL120C



特性

線塑烯 LL120C 為鑄膜擠壓專用的線性低密度聚乙烯，用來製作薄膜具有高韌度、高抗張強度、高伸長率、極佳的耐穿刺強度及光學性質等優點，適合製作伸縮包裝膜、保鮮膜、農業用膜。

Characteristics

LINATHENE LL120C is a butene linear low density polyethylene (LLDPE) developed for slot cast film extrusion.

Films made from LINATHENE LL120C have excellent toughness, tensile strength, elongation, puncture strength and transparency.

LINATHENE LL120C is recommended for the manufacture of stretch film, cling film and agricultural film.

應用

1. 鑄模擠壓

Applications

1. 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 ³)	ASTM D1505	0.919
熔融指數 Melt Index (g/10min)	ASTM D1238	2.0
降伏點抗張強度 yield point Tensile Strength (kg/cm ²) (MD/TD)	ASTM D882	105/95
斷裂點抗張強度 Tensile Strength at break (kg/cm ²) (MD/TD)	ASTM D882	240/170
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	180
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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