

線塑烯 LINATHENE®

線性低密度聚乙烯塑膠原料

Linear Low Density Polyethylene Resins

LL115C



特性

線塑烯 LL115C 為鑄膜擠壓專用的線型低密度聚乙烯，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 LL115C is a butene linear low density polyethylene developed for slot cast film extrusion.

Films made from LINATHENE LL115C have excellent toughness, tensile strength, elongation, puncture strength and transparency.

LINATHENE LL115C 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 | 1.2 |
| 斷裂點抗張強度 Tensile Strength at break (kg/cm ²) (MD/TD) | ASTM D882 | 300/220 |
| 斷裂點伸長率 Elongation at break (%) (MD/TD) | ASTM D882 | 510/650 |
| 抗衝擊強度*(落下實驗)克/半數破壞 Impact Strength(Dart Drop) g/F50* | ASTM D1709 | 190 |
| 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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USI Corporation 台灣聚合化品股份有限公司

Tel:886-2-87516888 Fax:886-2-26599599 Web:www.usife.com.tw E-mail:service_usi@tpe.usife.com.tw

Address:12th Floor, No.37 Ji Hu Road, Nei Hu District, Taipei 114, Taiwan 地址:台北市 114 內湖區基湖路 37 號 12 樓