

# 線塑烯® LL120C LINATHENE® LL120C 線性低密度聚乙烯樹脂



## LINEAR LOW DENSITY POLYETHYLENE RESINS

概述	Description
線塑烯® LL120C 是一種線性低密度聚乙烯樹脂，可運用在鑄膜擠壓。	LINATHENE® LL120C is a linear low density polyethylene resin (LLDPE) for use in cast film extrusion.
特性	Characteristics
<ul style="list-style-type: none"> <li>◇ 優異的韌度</li> <li>◇ 卓越的抗張強度</li> <li>◇ 卓越的伸長率</li> <li>◇ 良好的光學性質</li> <li>◇ 極佳的耐穿刺強度</li> </ul>	<ul style="list-style-type: none"> <li>◇ Excellent toughness</li> <li>◇ Great tensile strength</li> <li>◇ Great elongation</li> <li>◇ Good transparency</li> <li>◇ Outstanding puncture strength</li> </ul>
應用	Applications
<ol style="list-style-type: none"> <li>1. 伸縮包裝膜</li> <li>2. 保鮮膜</li> <li>3. 農業用膜</li> </ol>	<ol style="list-style-type: none"> <li>1. Stretch film</li> <li>2. Plastic wrap</li> <li>3. Agricultural film</li> </ol>

### 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
熔融指數 Melt Index (g/10min)	ASTM D1238	2.0
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.919
降伏點抗張強度 yield point Tensile Strength (kg/cm <sup>2</sup> ) (MD/TD)	ASTM D882	105/95
斷裂點抗張強度 Tensile Strength at break (kg/cm <sup>2</sup> ) (MD/TD)	ASTM D882	240/170
斷裂點伸長率 Elongation at break (%) (MD/TD)	ASTM D882	500/600
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)	ASTM D3418	122

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