

# 線塑烯® LL110

# LINATHENE® LL110

# 線性低密度聚乙烯樹脂

# LINEAR LOW DENSITY POLYETHYLENE RESINS



## 概述

線塑烯® LL110 是一種線性低密度聚乙烯樹脂，可運用在吹膜擠壓。

這種樹脂以顆粒形式供應並含有抗相黏劑與滑劑。

## Description

LINATHENE® LL110 is a linear low density polyethylene resin (LLDPE) for use in blown-film extrusion.

This resin is supplied in pellet form and contains an antiblocking agent and a slip agent.

## 特性

- ◇ 優異的抗衝擊強度
- ◇ 卓越的抗張強度
- ◇ 卓越的伸長率
- ◇ 良好的光學性質

## Characteristics

- ◇ Excellent impact strength
- ◇ Great tensile strength
- ◇ Great elongation
- ◇ Good transparency

## 應用

1. 重包裝袋
2. 內襯膜
3. 冷凍袋

## Applications

1. Heavy duty bags
2. Suit Interlining
3. Frozen food bags

## 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	1.0
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.920
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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