

線塑烯® LL120

LINATHENE® LL120

線性低密度聚乙烯樹脂

LINEAR LOW DENSITY POLYETHYLENE RESINS



概述

線塑烯® LL120 是一種線性低密度聚乙烯樹脂，可運用在鑄膜擠壓與吹膜擠壓。

這種樹脂以顆粒形式供應並含有抗相黏劑與滑劑。

Description

LINATHENE® LL120 is a linear low density polyethylene resin (LLDPE) for use in cast film extrusion and blown film extrusion.

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

特性

- ◇ 優異的韌度
- ◇ 卓越的抗張強度
- ◇ 卓越的伸長率
- ◇ 極佳的耐穿刺強度

Characteristics

- ◇ Excellent toughness
- ◇ Great tensile strength
- ◇ Great elongation
- ◇ Outstanding puncture strength

應用

1. 內襯膜
2. 西裝袋
3. 冷凍袋

Applications

1. Suit Interlining
2. Garment bag
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	2.0
密度 Density (g/cm ³)	ASTM D792	0.922
降伏點抗張強度 yield point Tensile Strength (kg/cm ²) (MD/TD)	ASTM D882	115/100
斷裂點抗張強度 Tensile Strength at break (kg/cm ²) (MD/TD)	ASTM D882	250/180
斷裂點伸長率 Elongation at break (%) (MD/TD)	ASTM D882	450/550
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	103
熔點 Melt Point (°C)	ASTM D3418	122

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