

# 聯塑烯® LH5590

## UNITHENE® LH5590

### 高密度聚乙烯樹脂

#### HIGH DENSITY POLYETHYLENE RESINS



#### 概述

聯塑烯® LH5590 是一種高流動性的射出級高密度聚乙烯樹脂，具有良好的加工性和熱穩定性，可運用於薄壁射出成型、粉末塗膠、色母造粒。

#### Description

UNITHENE® LH5590 is a high-flow injection grade high density polyethylene resin (HDPE) that exhibits enhanced processing and thermal stability for use in thin wall injection molding, powder coating, and master batch.

#### 特性

◇ 極佳的加工性

#### Characteristics

◇ Excellent processability

#### 應用

1. 薄壁容器
2. 粉末塗膠
3. 色母造粒

#### Applications

1. Thin wall injection molding container
2. Powder coating
3. Master batch

### 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	90
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.955
降伏點抗張強度 Tensile Strength (Yield) (kg/cm <sup>2</sup> )	ASTM D638	250
斷裂點伸長率 Ultimate Elongation (%)	ASTM D638	20
抗衝擊強度 Izod Impact Strength(kg-cm/cm)	ASTM D256	2.7
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	120
熔點 Melt Point (°C)	ASTM D3418	128
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	68