

# 聯塑烯® LH5544 UNITHENE® LH5544 高密度聚乙烯樹脂 HIGH DENSITY POLYETHYLENE RESINS



## 概述

聯塑烯® LH5544 是一種射出級高密度聚乙烯樹脂，可運用於射出成型、粉末塗膠、色母造粒及熔融浸漬加工工法，具有極佳的加工性。

## Description

UNITHENE® LH5544 is a injection grade high density polyethylene resin (HDPE) for use in injection molding, powder coating, master batch, and Melt impregnation technique. The product is specifically designed to provide excellent processability.

## 特性

- ◇ 極佳的加工性
- ◇ 良好的熱變形溫度
- ◇ 極佳的挺性

## Characteristics

- ◇ Excellent processability
- ◇ Good heat deflection temperature
- ◇ Excellent stiffness

## 應用

1. 熔融浸漬工法
2. 粉末塗膠
3. 薄壁容器
4. 色母造粒

## Applications

1. Melt impregnation
2. Powder coating
3. Thin wall container
4. 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	44
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	210
熔點 Melt Point (°C)	ASTM D3418	130

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