

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



概述

聯塑烯® LH5544 可運用於射出成型、粉末塗膠、色母造粒、熔融浸漬加工工法及無紡布。

聯塑烯®LH5544 具有高流動之特性，因此適合於無紡布之製造。LH5544 可輕易地紡成細絲，用於製造無紡布產品如尿布等複絲之應用。

Description

UNITHENE® LH5544 is suitable for injection molding, powder coating, master batch, melt impregnation technique and nonwoven fabric.

UNITHENE® LH5544 has the character of high flow, it can be suitable for the manufacture of nonwoven fabric. LH5544 can be easily spun to fine filaments in application of bi-component fibers for nonwoven products such as diapers.

特性

- ◇ 極佳的加工性
- ◇ 極佳的挺性
- ◇ 極佳的熱黏著特性

Characteristics

- ◇ Excellent processability
- ◇ Excellent stiffness
- ◇ Excellent thermal bonding characteristic

應用

1. 熔融浸漬工法
2. 粉末塗膠
3. 薄壁容器
4. 色母造粒
5. 複絲和無紡布。

Applications

1. Melt impregnation
2. Powder coating
3. Thin wall injection molding container
4. Master batch
5. Bi-component filaments and nonwoven fabric

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 ³)	ASTM D792	0.955
降伏點抗張強度 Tensile Strength (Yield) (kg/cm ²)	ASTM D638	250
斷裂點伸長率 Ultimate Elongation (%)	ASTM D638	200
抗衝擊強度 Izod Impact Strength(kg-cm/cm)	ASTM D256	3.2
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