

# 聯塑烯® LH606

# UNITHENE® LH606

## 高密度聚乙烯樹脂

## HIGH DENSITY POLYETHYLENE RESINS



### 概述

聯塑烯® LH606 是一種高密度聚乙烯樹脂，可運用在射出成型及細圓絲加工。

### Description

UNITHENE® LH606 is a high density polyethylene resin (HDPE) for use in injection molding and fine monofilament.

### 特性

- ◇ 高抗環境應力龜裂性
- ◇ 傑出的耐衝擊強度
- ◇ 極佳的挺性
- ◇ 硬度高
- ◇ 良好的光澤度
- ◇ 成型物的變形少
- ◇ 收縮率低

### Characteristics

- ◇ Good environmental stress cracking resistance
- ◇ High impact strength
- ◇ Excellent stiffness
- ◇ High hardness
- ◇ Great surface gloss
- ◇ Less warpage
- ◇ Low shrinkage

### 應用

1. 水果箱、棧板、家庭用具
2. 食品容器
3. 蚊帳

### Applications

1. Fruit crates, transportation crates, housewares
2. Food containers
3. Mosquito nets

### 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	6.0
密度 Density (g/cm <sup>3</sup> )	ASTM D792	0.962
降伏點抗張強度 Tensile Strength (Yield) (kg/cm <sup>2</sup> )	ASTM D638	310
斷裂點伸長率 Ultimate Elongation (%)	ASTM D638	600
抗衝擊強度 Izod Impact Strength(kg-cm/cm)	ASTM D256	7.0
彈性係數(模片) 1% Secant Modulus(Molded) (kg/cm <sup>2</sup> )	ASTM D638	9900
扭轉剛性 Torsional Stiffness (kg/cm <sup>2</sup> )	ASTM D1043	12500
彎曲剛性 Flexural Stiffness (kg/cm <sup>2</sup> )	ASTM D747	9900
低溫脆裂溫度 Low Temperature Brittleness(°C/F50)	ASTM D746	<-76
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	127
熔點 Melt Point (°C)	ASTM D3418	135
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	69

據本公司所知，上述資料應屬正確無誤，惟因使用時之情況非受本公司管制，所以本公司對上述所作之一切建議，恕不負保證之責。  
The information contained herein is, to our best knowledge, true and accurate. However, since conditions of use are beyond our control, all risks of such use are assumed by users.