

# 聯塑烯 UNITHENE®

## 高密度聚乙烯塑膠原料

### High Density Polyethylene Resins

#### LH608M



#### 特性

聯塑烯 LH608M 是一種高密度聚乙烯，適合於射出成型。在射出成型方面，常見的用途是水果箱、食品容器、工業用箱、玩具、家庭用具等。

聯塑烯 LH608M 具高抗龜裂性及耐衝擊強度，挺性好，硬度高，光澤好，成型物的變形少，收縮率低。

#### Characteristics

UNITHENE LH608M is a high density polyethylene suitably used for injection molding. Typical applications are the injection molding of fruit crates, food containers, industrial items such as transportation crates, toys, housewares.

UNITHENE LH608M possesses high impact strength and good resistance to stress cracking, good stiffness, high hardness, good surface gloss, less warpage, low shrinkage.

#### 應用

1. 射出成型

#### Applications

1. injection molding

#### 物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
密度 Density (g/cm <sup>3</sup> )	ASTM D1505	0.962
熔融指數 Melt Index (g/10min)	ASTM D1238	8.0
降伏點抗張強度 Tensile Strength (Yield) (kg/cm <sup>2</sup> )	ASTM D638	300
斷裂點抗張強度 Tensile Strength (Break) (kg/cm <sup>2</sup> )	ASTM D638	200
斷裂點伸長率 Ultimate Elongation (%)	ASTM D638	500
抗衝擊強度 Izod Impact Strength(kg-cm/cm)	ASTM D256	5.0
彈性係數(模片) 1% Secant Modulus(Molded) (kg/cm <sup>2</sup> )	ASTM D638	9,900
抗低溫脆裂性 Low Temperature Brittleness( /F50)	ASTM D746	<-76
衛氏軟化溫度 Vicat Softening Point( )	ASTM D1525	127
熔點 Melt Point ( )	USI Method	135
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	69

