

百塑烯 PAXOTHENE®

低密度聚乙烯塑膠原料

Low Density Polyethylene Resins

NA248



特性

百塑烯 NA248 是一種低密度聚乙烯，熔融指數較高，熔料流動性好，而且柔軟，所以特別適合射製薄、細小、形狀複雜的塑膠花或塑膠樹葉部，及須有柔軟性的瓶蓋或罐蓋。

因為熔料流動性好，所以生產速度很快，經濟合算。

百塑烯 NA248 可用乾式混合或均勻擠壓的方法，輕易地染成各種顏色，使成品逼真或美觀。

Characteristics

PAXOTHENE NA248 is a low density polyethylene resin (LDPE) of high melt index, excellent melt flow and good flexibility, which is suitable for injection molding of artificial flowers, foliage and intricate articles and soft bottles and can lids.

The resin's excellent melt flow makes it fast and economical in production.

PAXOTHENE NA248 can be easily pigmented to any color by either dry blending or melt blending of the pigment into the resin which makes the products appear genuine and attractive.

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 ³)	ASTM D1505	0.916
熔融指數 Melt Index (g/10min)	ASTM D1238	46
降伏點抗張強度(射出片) Yield Point Tensile Strength (Injected) (kg/cm ²)	ASTM D638	88
斷裂點抗張強度(射出片) Break Point Tensile Strength (Injected) (kg/cm ²)	ASTM D638	76
斷裂點伸長率(射出片) Ultimate Elongation(Injected) (%)	ASTM D638	250
抗低溫脆裂性 Low Temperature Brittleness(°C/F50)	ASTM D746	-37
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	80
熔點 Melt Point (°C)	DSC	100
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	44

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