

百塑烯 PAXOTHENE®

低密度聚乙烯塑膠原料

Low Density Polyethylene Resins

NA248A



特性

百塑烯 NA248A 熔融指數較高，熔料流動性好，而且柔軟不易龜裂，因此特別適合於射製薄、細小、形狀複雜的塑膠花或塑膠樹葉及須有柔軟性的瓶蓋或罐蓋。

由於熔料流動性好，又具防龜裂之特性，可用於高速生產，經濟效益高。

百塑烯 NA248A 可用乾式混合或擠壓熔混的方法輕易地染成各種顏色。

Characteristics

PAXOTHENE NA248A is a low density polyethylene resin of high melt index, excellent melt flowability, good flexibility and anti-cracking, which is suitable for injection molding of artificial flower foliage and intricate articles and soft bottles and can lids.

The resin's excellent melt flow and anti-cracking make it fast and economical in production.

PAXOTHENE NA248A 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	0.918
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	85
斷裂點抗張強度(射出片) Break Point Tensile Strength (Injected) (kg/cm ²)	ASTM D638	75
斷裂點伸長率(射出片) Ultimate Elongation(Injected) (%)	ASTM D638	100
抗低溫脆裂性 Low Temperature Brittleness(/F50)	ASTM D746	-37
衛氏軟化溫度 Vicat Softening Point()	ASTM D1525	79
熔點 Melt Point ()	DSC	99
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	43

USI Corporation

