

百塑烯 PAXOTHENE®

低密度聚乙烯塑膠原料

Low Density Polyethylene Resins

NA208



特性

百塑烯 NA208 是一種低密度聚乙烯，熔料流動性好，成品光澤度好，剛性和韌性也好，適合射製需要美觀，剛性和韌性為中上的成品，如家庭用品、玩具、聖誕燈泡，或塑膠樹的主幹等。

因為熔料流動性好，所以生產速度很快，經濟合算。

百塑烯 NA208 亦可研磨成粉以供浸漬塗膠加工之用。

應用

1. 射出成型

Characteristics

PAXOTHENE NA208 (LDPE) having excellent melt flow characteristic, high gloss, good toughness and stiffness, is especially used for injection molding applications requiring excellent appearance, medium toughness and stiffness, such as housewares, toys, Christmas light sockets or main stems of plastic trees, etc. The resin's excellent melt flow characteristics permit short cycle time for economical moldings.

PAXOTHENE NA208 can also be ground into powder for coating.

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	22
降伏點抗張強度(射出片) Yield Point Tensile Strength (Injected) (kg/cm ²)	ASTM D638	128
斷裂點抗張強度(射出片) Break Point Tensile Strength (Injected) (kg/cm ²)	ASTM D638	94
斷裂點伸長率(射出片) Ultimate Elongation(Injected) (%)	ASTM D638	130
抗低溫脆裂性 Low Temperature Brittleness(°C/F50)	ASTM D746	-60
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	96
熔點 Melt Point (°C)	DSC	108
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	53

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