

百塑烯 PAXOTHENE®

低密度聚乙烯塑膠原料

Low Density Polyethylene Resins

NA207-66



特性

百塑烯 NA207-66 是一種低密度聚乙烯，熔融指數高，經擠壓機加熱熔融之後，流動性好，加工所需背壓低，驅動馬達負荷輕，適合吹製 0.010~0.040mm 厚的 PE 膜，以供包裝西裝、麵包、零售水果、蔬菜、魚、肉，以及雜貨等之用。

NA207-66 具有高潤滑性及高抗黏性，PE 袋口很容易打開。袋身透明且有光澤，可提高包裝物的商品價值。

NA207-66 也可用於射出成型加工，成品外表美觀，剛性適中，韌性好，機車安全帽的護頸罩及塑膠樹的樹幹是典型的成品。

Characteristics

PAXOTHENE NA207-66 is a low density polyethylene resin (LDPE) with high melt index especially suitable for injection & extrusion molding. Owing to its excellent flowability, PAXOTHENE NA207-66 is suitable for films or bags with thickness of 0.010~0.040 mm. The said bags are for package of suit, bakery, fruit, vegetable, fish, meat, and grocery.

PAXOTHENE NA207-66 is well formulated with slip and anti-block agents, bags made from said resin are easy to open and with outstanding gloss. This makes goods more attractive to customers.

PAXOTHENE NA207-66 also could be injection molded into various parts, such as trunk of plastic trees, small parts for toy and stationery.

應用

1. 射出成型
2. 吹膜擠壓

Applications

1. Injection molding
2. Blown-film Extrusion

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	0.919
熔融指數 Melt Index (g/10min)	ASTM D1238	8.0
降伏點抗張強度(薄膜) (kg/cm ²) Yield Point Tensile Strength (Film) MD/TD	ASTM D882	98/100
斷裂點抗張強度(薄膜) (kg/cm ²) Break Point Tensile Strength (Film) MD/TD	ASTM D882	190/135
斷裂點伸長率(薄膜) (%) Ultimate Elongation (Film) MD/TD	ASTM D882	350/480
抗衝擊強度*(落下實驗)克/半數破壞 Impact Strength (Dart Drop) g/F50*	ASTM D1709	90
混濁度/光澤度(60°) Haze/Gloss(60°)	ASTM D1003/D523	7.0/100
抗低溫脆裂性 Low Temperature Brittleness(°C/F50)	ASTM D746	<-76
衛氏軟化溫度 Vicat Softening Point(°C)	ASTM D1525	100
熔點 Melt Point (°C)	DSC	109
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	53

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