

百塑烯 PAXOTHENE[®]

低密度聚乙烯塑膠原料

Low Density Polyethylene Resins

NA112-27



特性

百塑烯 NA112-27 是一種低密度聚乙烯，熔融指數低，韌性好，適合吹製 0.020~0.100mm 厚的 PE 膜，以供製造手提袋、冷藏袋、夾鏈袋及收縮包裝之用。

NA112-27 具有中潤滑性，PE 袋口很容易打開，使用方便，又因光澤度好，混濁度低，可提高包裝物的商品價值。

Characteristics

PAXOTHENE NA112-27 (LDPE) possesses low melt index and good toughness especially suitable for films with thickness of 0.020~0.100 mm. The said films are for package of shopping bags, frozen bags, re-closable bags and shrink packaging applications.

NA112-27 is formulated with medium slip to give good openability of film. High gloss and low haze characteristics of blown film made from NA112-27 provide attractive appearance to the packaged goods thus more valuable.

應用

1. 吹膜擠壓
2. 射出成型

Applications

1. Blown film
2. 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	0.919
熔融指數 Melt Index (g/10min)	ASTM D1238	3.0
降伏點抗張強度(薄膜) (kg/cm ²) Yield Point Tensile Strength (Film) MD/TD	ASTM D882	91/91
斷裂點抗張強度(薄膜) (kg/cm ²) Break Point Tensile Strength (Film) MD/TD	ASTM D882	190/154
斷裂點伸長率(薄膜) (%) Ultimate Elongation(Film) MD/TD	ASTM D882	340/550
抗衝擊強度*(落下實驗)克/半數破壞 Impact Strength(Dart Drop) g/F50*	ASTM D1709	110
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	108
硬度(蕭氏 D)Hardness (Shore D)	ASTM D2240	52

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