

百塑烯® NA112-27 PAXOTHENE® NA112-27 低密度聚乙烯樹脂 LOW DENSITY POLYETHYLENE RESINS



概述

百塑烯® NA112-27 是一種低密度聚乙烯樹脂，可運用在吹膜擠壓與射出成型。

這種樹脂以顆粒形式供應並含有滑劑以改善加工性。

Description

PAXOTHENE® NA112-27 is a low density polyethylene resin (LDPE) for use in blown film extrusion and injection molding.

This resin is supplied in pellet form and contains a slip agent to improve machinability.

特性

- ◇ 韌性好
- ◇ 光澤度好
- ◇ 混濁度低

Characteristics

- ◇ Good toughness
- ◇ High gloss
- ◇ Low haze characteristics of blown film

應用

1. 手提袋、冷藏袋與夾鏈袋
2. 小型藥水瓶

Applications

1. Shopping bag, frozen food bag and reclosable bag
2. Plastic potion bottle

物理性質 Physical Properties

項目 Properties	試驗方法 Test Method	數 值 Typical Value
熔融指數 Melt Index (g/10min)	ASTM D1238	3.0
密度 Density (g/cm ³)	ASTM D1505	0.919
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)	ASTM D3418	108
硬度(蕭氏 D) Hardness (Shore D)	ASTM D2240	52
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

USI Corporation 台灣聚合化學品股份有限公司

