

百塑烯® NA112-27

PAXOTHENE® NA112-27

低密度聚乙烯樹脂

LOW DENSITY POLYETHYLENE RESINS



概述	Description
<p>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。</p> <p>這種樹脂以顆粒形式供應並含有滑劑以改善加工性。</p>	<p>PAXOTHENE® NA112-27 is a low density polyethylene resin (LDPE) for use in blown film extrusion and injection molding.</p> <p>This resin is supplied in pellet form and contains a slip agent to improve machinability.</p>
特性	Characteristics
<ul style="list-style-type: none"> ◇ 韌性好 ◇ 光澤度好 ◇ 混濁度低 	<ul style="list-style-type: none"> ◇ Good toughness ◇ High gloss ◇ Low haze characteristics of blown film
應用	Applications
<ol style="list-style-type: none"> 1. 手提袋、冷藏袋與夾鏈袋 2. 小型藥水瓶 	<ol style="list-style-type: none"> 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