



台塑關係企業  
FORMOSA PLASTICS GROUP



台塑大樓 Head Quarter of Formosa Plastics Group



NAN YA Biaxially  
Oriented Polypropylene Film

南亞 BOPP 膜



塑三部 包裝材、  
膜類網頁



IOS APP



Android APP



南亞塑膠工業股份有限公司  
NAN YA PLASTICS CORPORATION

塑膠第三事業部 · 營業三處  
3RD. SALES DEPT., PLASTICS 3RD DIVISION  
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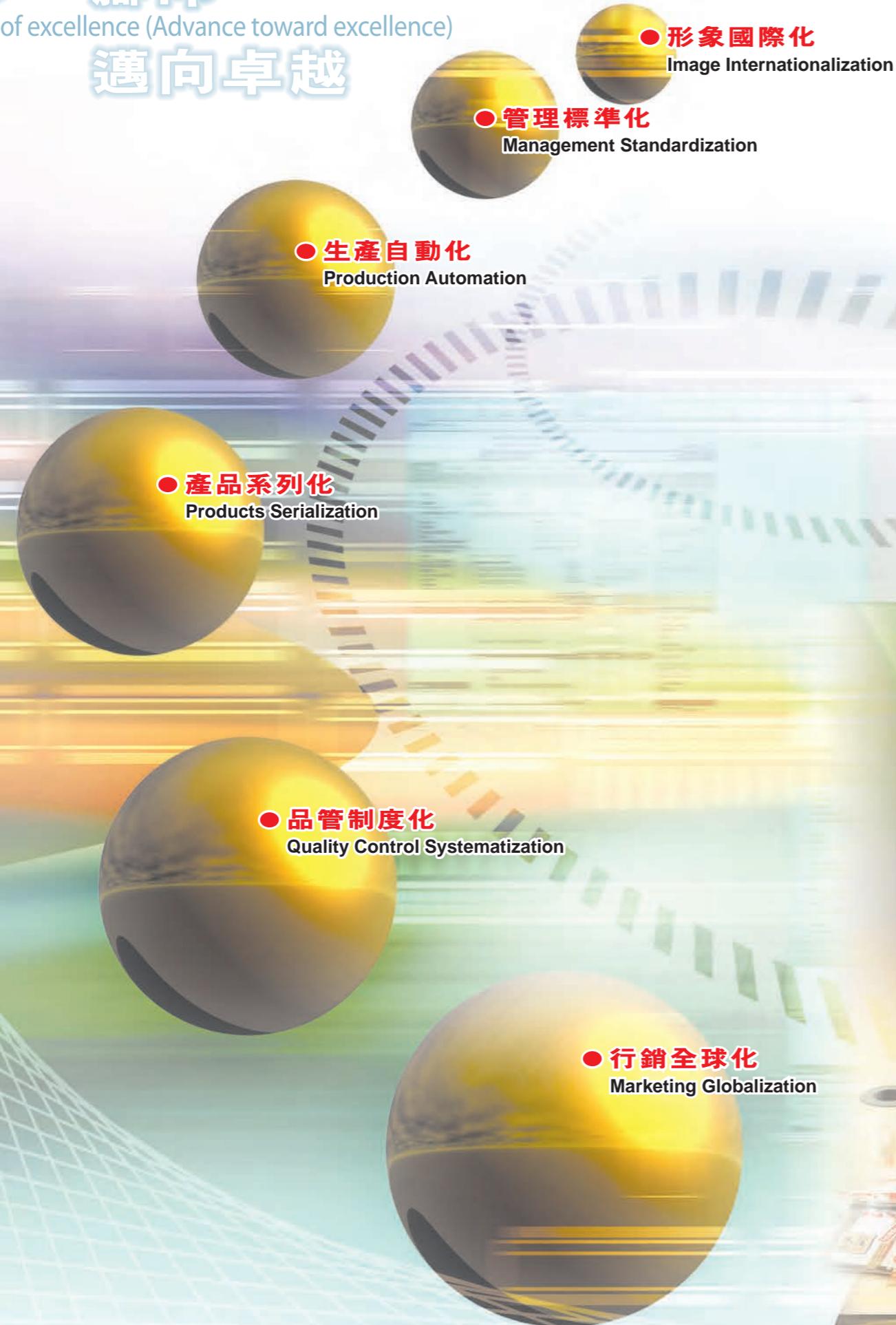
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Do not recycle together with the natural paper.  
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One step leaves one's footprint (To work steadily and make solid progress)

# 一步一腳印

In search of excellence (Advance toward excellence)

## 邁向卓越



## 形象國際化

## 國際化

## Image Internationalization

**南** 亞塑膠公司創立於西元1958年，隸屬於台塑集團，為世界最大塑膠加工廠之一，主要產品為塑膠、纖維及電子等高科技產品，1982年投入BOPP膜生產，自成立以來，一直秉持台塑企業「追根究底」之企業精神並嚴格要求品質管制；同時以「突破、創新、徹底、圓滿」之經營理念貫徹執行，品質卓越深獲業界一致肯定。此產品已被廣泛使用於膠帶之基材、香煙、成衣紡織品、文具、日用品、食品等透明包裝以及各產品之機械自動輕包裝、並可在真空電鍍後提高水氣與氣體隔離效果，另具金屬光澤特性故可應用於食品及禮品包裝。

Nan Ya Plastics Corporation was founded in 1958. The company is subordinate to Formosa Plastics Group and is one of the largest plastics processing plants in the world. The major product line of the company consists of plastics, polyester fiber and high technological electronic materials. Nan Ya Plastics Corporation entered into BOPP film production in 1982. Since it was initiated, we have been continuing the Group's belief of "inquire into the cause of the matters" and strictly demanding the quality control all the time. Simultaneously, we have been implementing our business operation concept of "breakthrough · innovation · completion · perfection", with the result that it enabled our remarkable quality to profoundly acquire the affirmation in the industry sector. Currently Nan Ya BOPP film is extensively used in the packing of cigarette, garment, textile, stationary, daily necessities, foodstuff, etc. It is also applicable to mechanically automatic light package and may serve as substitute for aluminum foil after being vacuum matalized.

**突破**  
BREAKTHROUGH

**創新**  
INNOVATION

**徹底**  
COMPLETION

**圓滿**  
PERFECTION



## 徹底執行標準化管理

### IMPLEMENT STANDARDIZED MANAGEMENT THOROUGHLY

## 防蚊、防塵、防異物管理

### ANTI-GNAT MANAGEMENT

1. 廠房出入口增設雙道門，快速門及驅蚊燈

Equipped with double gates, fast gates and mosquito-repelling lamps at the entrances of the factory.

2. 使用密封性佳之門窗

Well-sealed doors and windows installed.

3. 窗戶使用墨綠色玻璃

Blackish green glass window encapsulated.

4. 廠房周圍定期噴殺蟲劑

Pesticide spayed periodically.



## BOPP膜生產流程簡介

### INTRODUCTION OF BOPP FILM PRODUCTION PROCESS



●押出混鍊  
Extruding



冷卻成型  
Cooling



●縱向延伸  
MDO



橫向延伸  
TDO



●成品裁檢  
Slitting



# 產品系列化 Products Series

## 產品特色 PRODUCT FEATURES



- ★ 厚度平均 Even Thickness
- ★ 展平佳 Excellent Flatness
- ★ 挺性佳 High Stiffness
- ★ 低靜電 Low Static



## Products Serialization



# 產品系列化 Products Serialization

類別 Type	編號 Grade	用途 Application	特性 Description
一般膜 Plain film	BCKA	超透明自黏性膠帶。 Super clear adhesive tape.	縱向拉力強度優，超透明度與光澤度。 Excellent MD tensile strength, superior clarity and gloss.
	BFAA	印刷，積層貼合加工及食品包裝用。 Printing, processing of lamination and food package.	低靜電性及印墨接著性優，適合印刷貼合加工。 Low static property and excellent ink adhesion, suitable for printing and use in laminations.
	BFGA	印刷，積層貼合加工及食品包裝用。 Printing, processing of lamination and food package.	印墨接著性優，適合印刷貼合加工。 Excellent ink adhesion, suitable for printing and use in laminations.
	BLLB	書冊，雜誌，卡片之上光用。 For glossing book, magazine and card.	透明度及光澤度佳，適合貼合加工。 Excellent transparency with low haze and good gloss, suitable for use in laminations.
	BNTA	紡織品包裝，一般工業及農業產品包裝。 For textile package, industrial package and agricultural products.	透明度及光澤度佳，熱熔斷強度佳。 Excellent transparency with low haze and good gloss, good side weld strength.
	BSKA	掛曆用。 Calendars.	透明度及光澤度佳，印墨接著性優。 Excellent transparency with low haze and good gloss, excellent ink adhesion.
	BSNN	相簿，資料套及文具類等用品。 For album, data envelope and stationery.	透明，光澤及剝離性佳。 Characterized by transparency, gloss and easy releasing.
	BTEA BTIA	自粘性膠帶 Adhesive tape.	縱向拉力強度優，透明度與光澤度佳。 Excellent MD tensile strength, good transparency and gloss.
	BTNF	無聲膠帶 Noiseless adhesive tape.	縱向拉力強度優，透明度與光澤度佳。 Excellent MD tensile strength, good transparency and gloss.
	BFJA	紡織品包裝，花套及食品包裝。 For textile package, flower package and food package.	透明度及光澤度佳，具低靜電性，熱熔斷強度及印墨接著性佳。 Excellent transparency with low haze, high gloss, low static property, good side weld strength and ink adhesion.

## Products Serialization

# Serialization



● 相簿用  
Album

● 書冊、雜誌、卡片  
For glossing Book, Magazine and Card

● 自黏性膠帶用  
Adhesive Tape

● 紡織品包裝用  
For Textile Package



# 產品系列化 Products Series

# 產品系列化 Products Series

類別 Type	編號 Grade	用途 Application	特性 Description
可熱封膜 Heat Sealable Film	BHCN	香煙包裝用。 For cigarette overwrap.	雙面可熱封，適合一般速度之香煙包裝。 Both sides heat sealable, for normal speed cigarette overwrap.
	BHDA	印刷，積層貼合加工及食品包裝用。 Printing, processing of lamination and food package.	雙面可熱封，適合印刷貼合加工。 Both sides heat sealable, suitable for printing and processing of lamination.
	BHFB	蔬果包裝用。 For fruit and vegetable package.	熱熔斷強度佳，防霧性優。 Good side weld strength, excellent anti-fogging property.
	BHQN	高速香煙包裝用。 For high -speed cigarette overwrap.	雙面可熱封，適合一般速度之香煙包裝。 Both sides heat sealable, for high-speed cigarette overwrap.
	BHSA	食品包裝用。 For food package.	單面可熱封，適合印刷貼合加工。 Single side heat sealable, suitable for printing and use in laminations.
	BHYA	食品包裝用。 For food package.	單面可熱封，具高滑性，適合印刷貼合加工。 Single side heat sealable with high-slip property suitable for printing and use in laminations.
	BHLA	食品包裝用。 For food package.	單面可熱封，具高滑性，適合印刷貼合加工。 Single side heat sealable with high-slip property suitable for printing and use in laminations.

## Products Serialization

## Serialization



●香煙包裝用  
For Cigarette Overwrap

食品包裝用●  
For Food Package



類別 Type	編號 Grade	用途 Application	特性 Description
電鍍素材 Metallizable Film	BMFA	食品包裝用。 For food package. 單面可熱封，水氣阻	隔性優，適合貼合加工。 Single side heat sealable, outstanding barrier to moisture, suitable for use in laminations.
	BMNA	真空蒸著用。 For vacuum metallizing applications.	適合真空蒸著加工。 Suitable for vacuum metallized processing.
霧面膜 Matted Film	BFMB	食品包裝用。 For food package.	單面霧面，適合貼合加工。 One side matted, suitable for use in laminations.
	BLMB BLVB	書冊，雜誌，卡片上光用。 For glossing book, magazine, and card.	單面霧面，適合紙張貼合加工。 One side matted, suitable for paper laminations.
	BTBA	隱形膠帶用。 Invisible adhesive tape.	單面霧面，適合原子筆與鉛筆書寫標示。 One side matted, suitable for writing with ball-point pen and pencil.
	BTMA	標籤上光用。 For glossing labels.	單面霧面，適合標籤貼合加工。 One side matted, suitable for labels laminations.

# Serialization

● 食品包裝用  
For Food Package



● 禮品包裝用  
For Gift Package



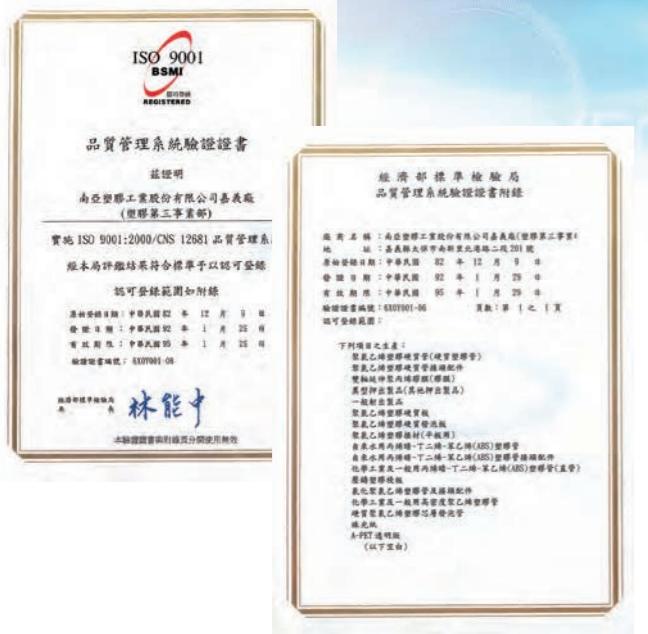
● 書冊、雜誌、卡片上光用  
For Glossing Book, Magazine and Card



霧面膜  
MATTED FILMS

● 隱形膠帶用  
For Invisible Adhesive Tape

# 品管制度化



★ 1993年通過ISO-9001經濟部標準檢驗局品質認證  
Certified by ISO-9001 in 1993, stipulated by the Bureau of Standards, Metrology & Inspection, Ministry of Economic Affairs (MOEA).

★ 1997年通過ISO-14001經濟部商品檢驗局環境管理系統認證  
Certified by ISO-14001 in 1997, stipulated by the environment management system of the Bureau of Standards, Metrology & Inspection, Ministry of Economic Affairs (MOEA).

# Quality Control Systematization

## 品質檢查 Quality Checking



●半成品檢查  
Jumbo Roll



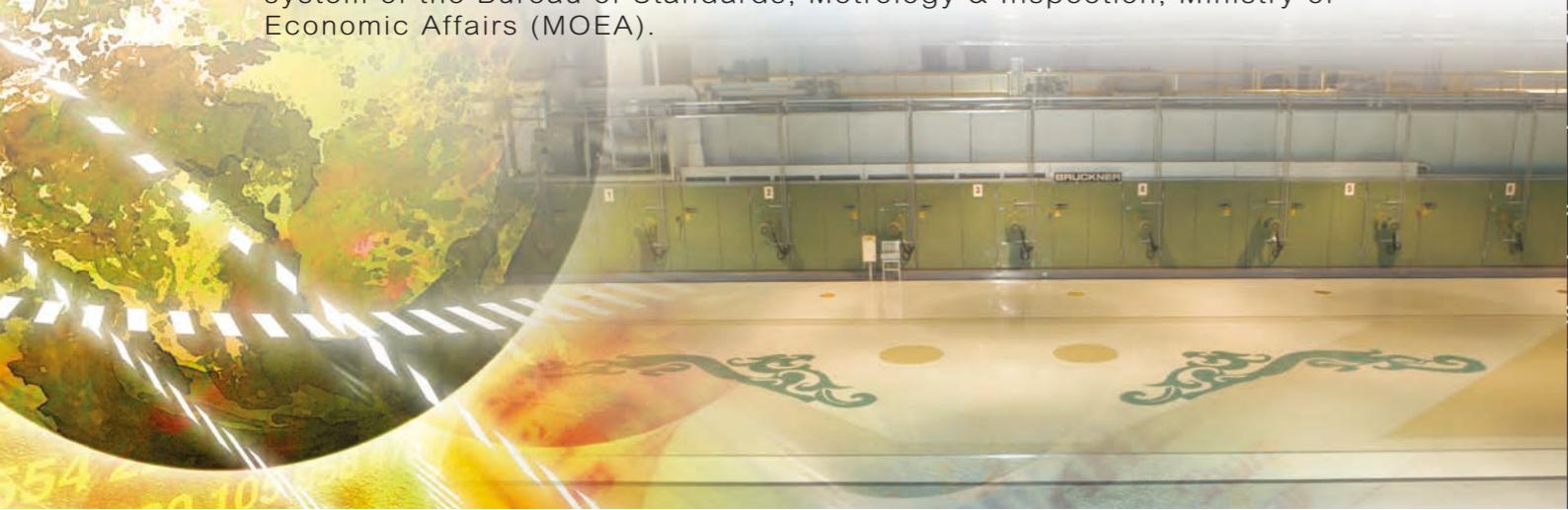
裁檢段自主檢查●  
Slitting



●實驗室檢查  
Laboratory



品管最終檢查●  
Final Product



物性表 PHYSICAL PROPERTIES

物性項目 Physical Properties	厚度 Thickness	拉力強度 Tensile strength	伸長率 Elongation at Break	霧度 Haze	光澤度 Gloss (60°)	加熱收縮 Heat Shrinkage	熱封溫度 Heat seal Temperature	摩擦係數 Coefficient of friction	比重 Specific Gravity
單位 Unit	μ	Kg/mm <sup>2</sup>	%	%	%	%	°C	—	—
測試方法 Test Method	—	ASTM D882	ASTM D882	ASTM D1003	ASTM D2475	NYPS 100°CX 60min	NYPS 100°CX 60min	ASTM D1894	ASTM D1505
樣品方向 Sample Direction	—	MD CD	MD CD	—	—	MD CD	—	—	—
BCKA	25	11 24	210 75	0.3	120	2.8 1.5	—	0.9	0.91
BFAA	20	12 24	190 75	1.5	120	3.5 1.5	—	0.35	0.91
BFGA	20	12 24	190 75	0.7	120	3.0 10	—	0.7	0.91
BCRN	60	9 20	300 70	0.8	120	2.0 0.8	—	—	0.91
BNTA	30	13 24	220 75	0.7	120	3.3 1.7	—	0.7	0.91
BTHA	60	11 24	260 75	2.0	120	2.0 1.0	—	0.7	0.91
BSNN	35	10 24	220 75	2.5	120	2.5 1.3	—	0.7	0.91
BTEA	25	11 —	170 75	1.0	120	2.5 1.0	—	0.7	0.91
BTIA	25	11 —	170 75	1.0	120	2.8 1.5	—	0.7	0.91
BTNF	25	11 —	210 —	0.5	120	2.8 1.2	—	—	0.91
BHCN	20	— —	— —	3.0	100	— —	122	0.3	0.91
BHDA	20	12 22	190 70	3.0	100	— —	122	0.3	0.91
BHFB	20	10 24	230 80	2.5	120	2.5 1.5	—	0.7	0.91
BHQN	20	— —	— —	3.0	100	3.2 2.5	122	0.3	0.91
BHSA	25	12 24	190 75	2.5	120	2.5 1.2	122	0.4	0.91
BHYA	25	12 24	190 75	2.5	100	2.5 1.2	122	0.3	0.91
BHLA	30	13 25	190 75	1.5	120	3.6 1.6	123	0.45	0.91
BNMA	30	12 24	220 75	1.5	120	3.3 1.7	—	0.42	0.91
BMNA	30	12 24	200 75	2.5	120	— —	—	—	0.91
BNBA	30	13	200 75	1.3	120	3.3 1.7	—	0.7	0.91
BFMB	20	6	165 70	65	—	2.5 1.5	—	0.5	0.91
BTBA	30	11	160 —	15	—	2.0 1.0	—	—	0.83
BTMA	30	11	160 —	50	—	2.0 1.0	—	—	0.86

註：上表為實驗室數據，僅供參考用。

Note : Above data are conducted by our laboratory. It is for your reference only.

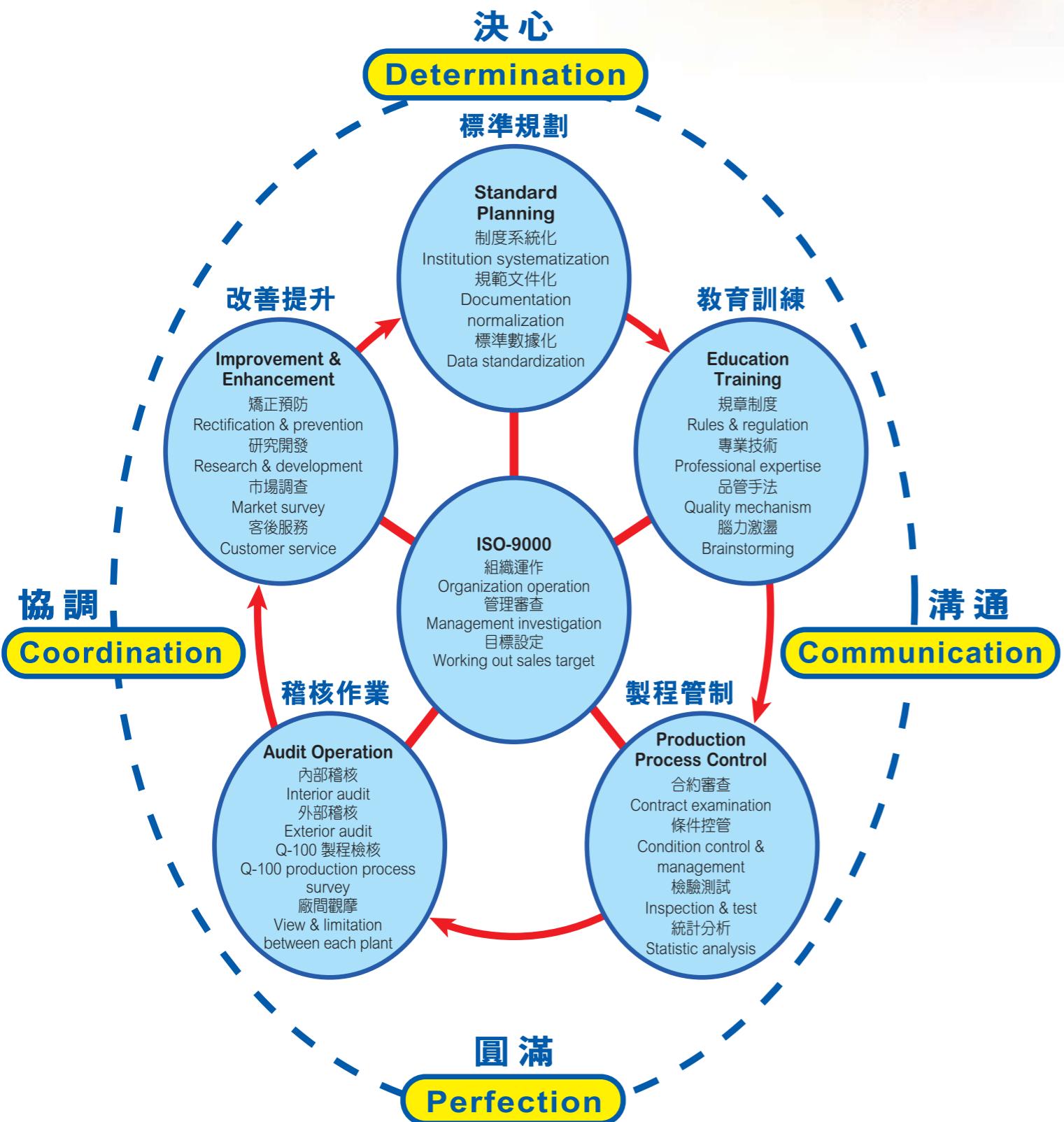
規格表 SPECIFICATIONS

厚度 Thickness	Yield	長度 Length	直徑 Diameter
Micron( μ )	M <sup>2</sup> /KG	M/roll	mm/3"ID core
15	73.26	4000	300
20	54.95	4000	340
25	44.96	4000	380
30	36.63	3000	360
40	27.47	2000	340
45	24.42	2000	360
50	21.98	2000	380



**品質政策 POLICY OF QUALITY CONTROL**

教育訓練 · 發揮潛能 / Education training · Bring potentiality into full play  
 運用組織 · 協調溝通 / Utilization of the organization · Coordination & communication  
 準時無誤 · 顧客滿意 / Just in time delivery · Customer satisfaction  
 追根究底 · 止於至善 / Inquire into the cause of the matter · Arrive at the supreme good



南亞將以台灣、大陸及越南為BOPP製造中心  
 供應全球最佳品質系列產品至全球市場

Based on production center in Taiwan, Mainland China and Vietnam, Nan Ya supplies highest and best quality BOPP film to the global market

