

# 昀絜有限公司 Yun Qi Co., Ltd.

**ENVIRONMENTALLY  
FRIENDLY**

Customer-Oriented

我們看見了綠色地球的無限希望。  
*We see infinite hope for a greener planet.*



# ABOUT US WHO WE ARE

## 關於昀綦 ABOUT US

地球近數十年因過度開發導致環境問題日趨嚴重，極端氣候層出不窮，而在全球走向減碳與環保動能製造的未來，我們看見了綠色地球的無限希望。ESG的地球循環經濟企業理念，深耕了我們內心為了永續與社會責任而付出的努力。2020年成立的昀綦企業，徹底脫離了製造業高汙染的傳統形象，以獨有的技術層次與綠色重生產品，成為亞太環保高規格再生塑材應用的先驅。

In recent decades, the earth's environmental problems have become increasingly serious due to over-exploitation, and extreme climates have emerged one after another. As the world moves towards a future of carbon reduction and environmentally friendly kinetic energy production, we see infinite hope for a green earth. ESG's corporate philosophy of a global circular economy has deeply cultivated our inner efforts for sustainability and social responsibility. Yun-Qi, established in 2020, has completely broken away from the traditional image of high pollution in the manufacturing industry. With its unique technical level and green regenerated products, it has become a pioneer in the application of environmentally friendly high-standard recycled plastic materials in Asia Pacific.





## 關於昀繁 ABOUT US

回想過往十餘載與辰豐塑膠有限公司(仁德廠)合作，回收再利用塑膠粉碎再生造粒等塑材的那段歲月裡，我們在成為綠色環保艱辛路上並不孤單，因為所有的挫敗與困境，讓我們更願意虛心請教學界與業界的專業先進，從構想到實踐，從模擬試驗到製造優質成品，讓我們體悟到通往成功的道路上，必定伴隨汗水與淚水。再生回收造粒量產的過程中，將成品送至專業機構進行分析，帶著報告積極與當地的科技大學、環保回收、科技綠能、廢棄物處理專家密集開會檢討，並改善製程，期望在廢棄物減量與再利用的過程之中走出有毒物質的殘留與侵擾。

Looking back on the past ten years when we cooperated with Chenfeng Plastic Co., Ltd. (Rende Factory) to recycle and reuse plastic materials such as plastic crushing, recycling, granulation, etc., we are not alone on the hard road to become green and environmentally friendly corporation, and because of all the setbacks and difficulties, let us be more willing to humbly invite the advanced experts in the academia and the industry, from conception to practice, from simulation test to manufacture high-quality products, let us realize that on the road to success, there must be with sweat and tears. In the process of recycling and granulation, the product will be sent to a professional institution for analysis, and the report will be actively held with local science and technology universities, environmental protection recycling, technology and green energy, and waste disposal experts to conduct intensive meeting and review to improve the process. It is expected to get rid of the residual and intrusion of toxic substances in the process of waste reduction and reuse.



## 關於昀綦 ABOUT US

設立於台南歸仁的昀綦企業，是台灣少見以最高規格生產製造各種塑膠原物料，複合材、配色、新料添加再生材料（綠能減碳）、能源再生塑膠粒原料的企業，公司初期即投入大量成本建置全新的生產設備和精密品管儀器，包含新銳精密加工機械和多項檢測儀器MI機（流動係數）、烘乾機、硬度測試機、水份機、灰份機、拉伸儀器、測色儀、壓膜機等，並成立專責研發實驗室，導入新進製程技術，並針對客戶對產品品質之需求量身訂製。已經通過 ISO9001國際認證、ISO內稽人員證書、甲種職業安全衛生、防火管理人...等，秉持 [環保再生、綠色未來、ESG永續] 的企業成立精神，愛地球、享幸福、期望成為台灣在國際上的環保尖兵，攜手世界創造無限可能。

Yun-Qi, established in Guiren, Tainan, it is a rare enterprise in Taiwan that manufactures various plastic raw materials, composite materials, color matching, new materials with recycled materials (green energy and carbon reduction), and energy-recycling plastic pellet with the highest standard. In the initial stage of the company, we invest a lot of costs to build new production equipment and precision quality control instruments, including cutting-edge precision machine and multiple of testing instruments (MI machine (melt flow rate), dryer, hardness testing machine, moisture machine, ash muffle furnace, microcomputer tensile testing machine, spectrophotometer, manual thermos molding machine, etc., and set up a monopoly R&D laboratory, introduce into new process technology, and tailor-made products according to customer needs for product quality. Has passed ISO9001 international certification, ISO internal auditor certificate, Level A of occupational safety and health, fire prevention manager... etc., adheres to the spirit of environmentally friendly and regeneration、green future and ESG sustainable, loves the earth, enjoys happiness, and hope to become Taiwan's leading environmental protection soldier in the world, and join hands with the world to create infinite possibilities.





# Products

服務項目

# Our Service

## 服務項目

- 
- 01 泛用塑膠**  
General Plastic
  - 02 工程塑膠**  
Engineering Plastic
  - 03 複合材料**  
Composite Material
  - 04 配色抽粒**  
Plastic Color Matching and Extrusion
  - 05 代工抽粒**  
Original Equipment Manufacturer
  - 06 添加物性**  
Polymer Compounding
  - 07 客製化**  
Customization





聚丙烯

(Polypropylene, 簡稱 PP)

聚碳酸酯

(Polycarbonate, 簡稱 PC)

丙烯腈-丁二烯-苯乙烯共聚物

(Acrylonitrile Butadiene Styrene, 簡稱 ABS)

聚乙烯

(Polyethylene, 簡稱 PE)

高密度聚乙烯

(High Density Polyethylene, 簡稱 HDPE)

低密度聚乙烯, 又稱高壓聚乙烯

(Low Density Polyethylene, 簡稱 LDPE)

PBT

(Polybutylene Terephthalate, 簡稱 PBT)

聚甲基丙烯酸甲酯

(Poly Methyl MethAcrylate, 簡稱 PMMA)

聚乙烯對苯二甲酸酯

(Polyethylene Terephthalate, 簡稱 PET)

聚醯胺 (尼龍)

(Polyamide; Nylon, 簡稱 PA; NY)



Green Future

# Production process

製程介紹

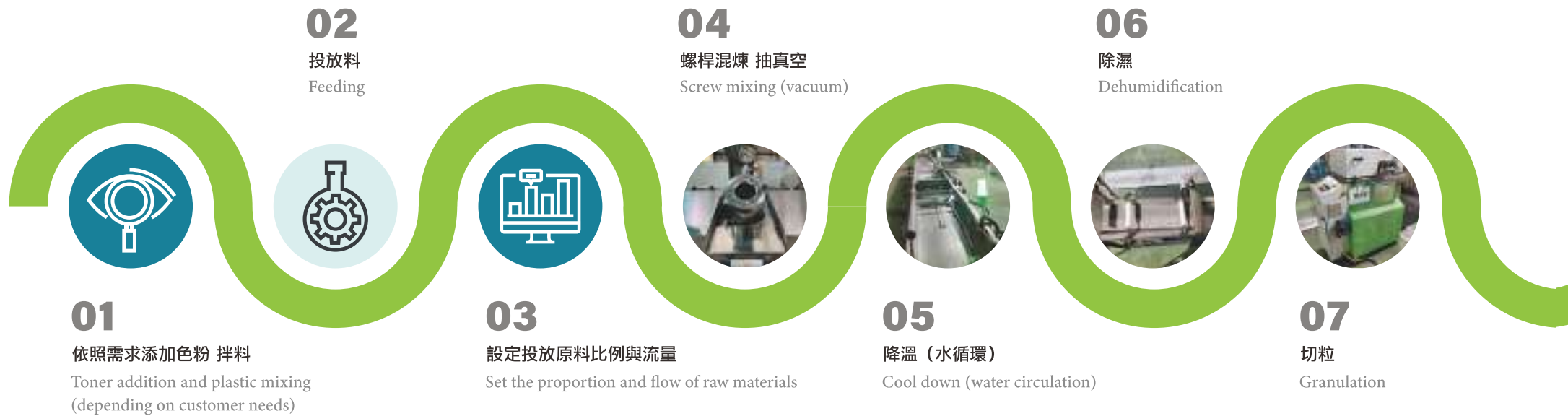




# Production process

製程介紹

# 14





**08**

震動篩選 (過篩)  
Vibration screening



**09**

成品暫存 (內循環冷卻)  
Temporary storage of  
finished products  
(internal circulation cooling)



**10**

失重式計量包裝  
Loss-in-weight automatic weighing package



**11**

輸送帶打包  
Conveyor packing



**12**

棧板堆疊(自動封膜)  
Stacking on the pallets (automatic film sealing)



**13**

成品入庫  
Finished products storage



**14**

出貨運送  
Shipping



# Production Equipment

## 生產設備



儲料桶  
Storage tank



微電腦自動計量系統  
Microcomputer automatic  
metering system



造粒水槽  
Granulation sink



雙螺桿  
Double screw extruder



自動包裝系統  
Automatic packaging system



成品暫存桶  
(溫控+內循環系統)  
Double screw finished barrel



雙水槽冷卻  
Dual Sink Cooling



水循環系統-砂濾器  
Water Circulation System -  
Sand Filter



封閉式冷卻水塔  
Closed cooling tower



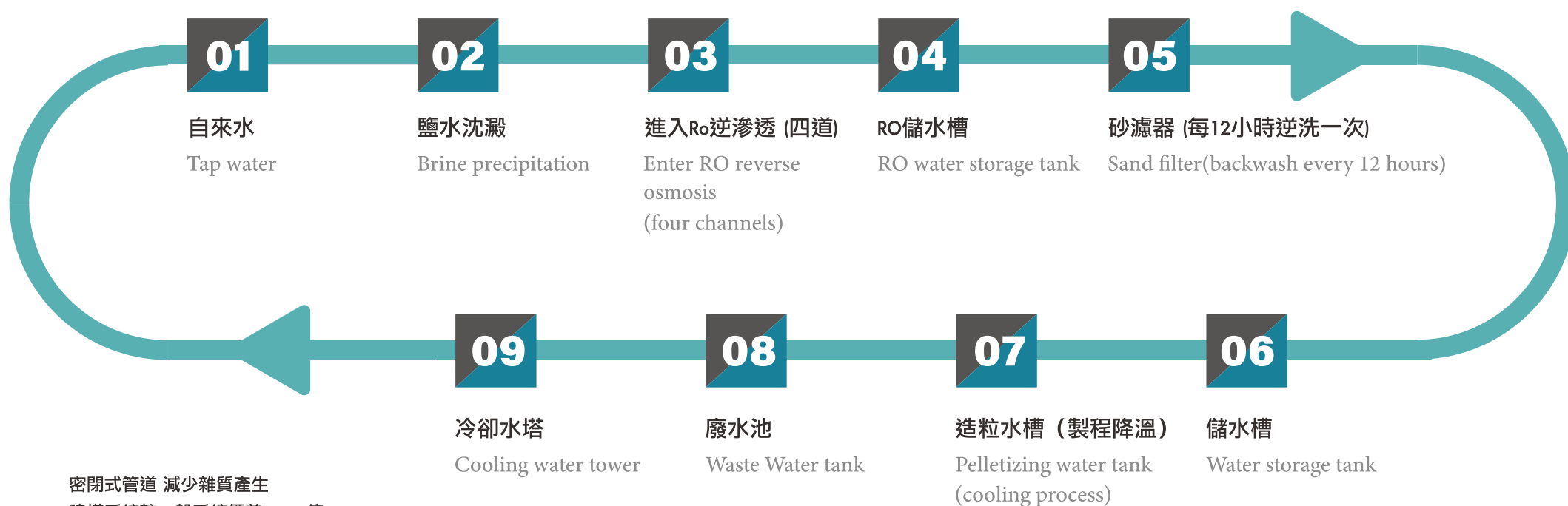
熱封口機  
Heat sealing machine

# Production process

## 水循環介紹

特色 製程循環利用

優點 省水節能，零排放



密閉式管道 減少雜質產生  
建構系統較一般系統價差 10-20倍

The pipeline is closed  
Reduce the generation of impurities  
The price difference of constructing the system is 10 times -20 times







## 精求品質 純透、質淨 無水垢

比業界更高規格的把關製造過程的水質、溫度，全產品製程皆採用RO逆滲透四道過濾水，以更微觀的角度，嚴格審視產品品質的高純度與高穩定性，所產出的塑膠粒子更純淨、更透明，達到無水垢殘留及靜電問題。

Quality pursuit  
Pure, clean, no limescale

The water quality and temperature of the manufacturing process are controlled to a higher standard than the industry. The entire product process adopts RO reverse osmosis four-stage filtration water. From a more microscopic point of view, we strictly examine the high purity and high stability of product quality, and the produced plastic particles are purer and more transparent, to achieve no limescale residue and static electricity problems.



嚴審品質  
High Quality  
Control



透明純淨  
Transparent  
and pure



高穩定性  
High stability

## 定期嚴格檢測 結合自動化溫控

水質，是影響塑材生產品質的重要關鍵，除了嚴格要求每日定期檢測水質，水塔也堅持採用純白鐵材質，確保儲水無雜質，造粒水槽結合全自動溫控、放水系統，杜絕人為可能造成的疏失，維持高穩定、最佳化的生產條件。

Regular and strict inspection  
Combined with automatic temperature control

Water quality is an important key to affecting the quality of plastic material production. In addition to the strict requirement to regularly test the water quality every day, the water tower also insists on using pure white iron material to ensure that the water is free of impurities. The granulation water tank is combined with a fully automatic temperature control and water discharge system to eliminate possible human errors and maintain more stable and optimized production conditions.



水質嚴管

Water strictly  
quality control



每日檢測

Daily Testing

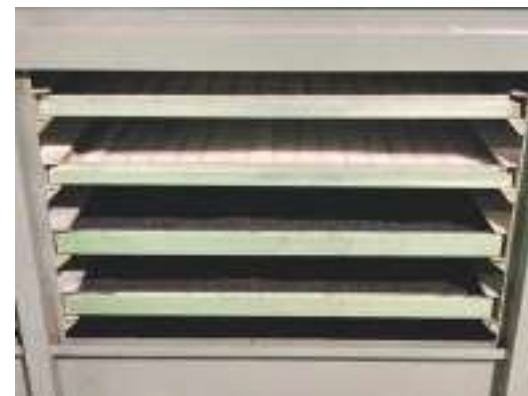


高端設備

High-level  
equipment



# 空汙處理系統



## 空汙處理系統

製程無空汙，我們追求的不只是高品質。高規打造完全符合空汙標準的空氣過濾系統，從溫度的控制、壓力表設置及懸浮微粒檢測器、六層濾棉，六層活性碳的空氣過濾系統，為的不只是確保員工在工作時安全的環境，更是為了做到製程無排放，實現的緊綠色地球的核心理念。

Six layers of filter cotton, six layers of activated carbon

The process is free of air pollution, and we are not only pursuing high quality. Builds a high standard air filtration system that completely meets air pollution standards, from temperature control, pressure gauge settings and particulate matter detectors, six layers of filter cotton, and six layers of activated carbon to six air filtration system, not only to ensure that employees are working In order to ensure a safe environment at all times, it is also in order to achieve no emissions in the process and realize the core concept of a green earth.

**特色 1** 過濾槽內每條處理管皆有2層濾棉+2層活性碳，共有6層濾棉+6層活性碳在處理製程氣體與廠內空氣

**特色 2** 過濾槽設有溫濕度計及壓力表，定期監測記錄數據，以確保空氣品質

Feature 1

Each processing tube in the filter tank has 2 layers of filter cotton and 2 layers of activated carbon, a total of 6 layers of filter cotton and 6 layers of activated carbon to deal with the gas in the process and the air in the factory.

Feature 2

The filter tank is equipped with a thermometer, hygrometer and a pressure gauge, which regularly monitors and records data to ensure air quality.

許可證字號：南市環空操證字第 D0362-00 號(管制編號：D1008124)

空 氣 污 染 物 之 排 放 種 類	序號	污染源	污染物種類	收集方式	處理方式	排放形態	排 放 限 制		
							濃度及其他規定	年許可排放量(Ton)	推估依據
	M01	押出成型設備 (E005、E008、E011)	VOCs	氣罩收集	吸附設備(A001)	P001	---	4.547	(4) 中央主管機關公告 排放係數
				部分逸散	---	逸散	---	0.474/台	
		固體、固體混合設備(乾式) (E001~E003)	Par	逸散	---	逸散	500µg/Nm <sup>3</sup>	0.165/台	(4) 中央主管機關公告 排放係數
				部分逸散	---	逸散	500µg/Nm <sup>3</sup>	0.1/台	
入料口 (E004、E007、E010)	Par	部分逸散	---	逸散	500µg/Nm <sup>3</sup>	0.374/台	(5) 其他排放係數或替代計算方式		
貯料倉 (E006、E009、E012)	Par	部分逸散	---	逸散	500µg/Nm <sup>3</sup>	0.374/台	(4) 中央主管機關公告 排放係數		

### 空汙系統流程：

Air pollution system process

製程產生氣體

Process produced gas

經由管線輸送至後方過濾槽

Sent to the rear filter tank via pipeline



空汙抽風口

Air exhaust air  
outlet

符合排放標準

Comply with emission  
standards







# Quality Control

品質保證

專業  
技術

以客  
為尊

環保  
再生

# 品質檢管 的緊堅持三檢三不



## Quality control

Yun-Qi insists on three inspections and three don'ts

### Three inspections

1. Self-inspection: Strict inspection procedures are established from the beginning of purchase.
2. Mutual inspection: The upper process is responsible for the responsibility of the next process.
3. Special inspection: Improve the overall product inspection production line to ensure the quality of the products produced by the production line.

### three don'ts

1. Don't accept defective product: Strictly inspect and select raw materials and suppliers to avoid continued processing of substandard products.
2. Don't manufacture defective products: Follow the inspection before operation, and only when no defective products are produced and then it can be confirmed that there are no defective products.
3. Don't release defective products: Once the substandard products are detected, the production will be stopped immediately, and the cause should be traced.



# 合格證書

ISO 9001 品質管理系統認證

**CERTIFICATE**



特此授予：  
**昀策有限公司**  
台南市歸仁區中山九街9號

管理體系符合  
**ISO 9001:2015**

驗證範圍  
1. 塑膠製品之配色與混煉  
2. 以下塑膠產品加工製造：  
原料料適合材料、填充物、改性質添加劑、專業塑膠機



證書編號: ARES/TW/2110030  
證書發給日期: 2022-01-13  
證書有效日期: 2025-01-12

本證書僅對受證者上述標準所規定的範圍內之認證條件及認證標準有效，並不得作為其他用途，特此聲明。

批准：  
*Chiozjwen*



ARES International Certification Co., Ltd.  
No. 12-1, Ln. 187, Wenping Rd., Aizping Dist., Tainan City 706, Taiwan  
TEL: 86-295 9606 (Rep. Line) FAX: 06-295 9607  
www.ares-registratio.com



**CERTIFICATE**



The Governing Board of  
ARES International Certification Co., Ltd.  
hereby Grants To:

**Yun Qi Limited Company**  
No. 6, Zhongshan 9th St., Guiren Dist., Tainan City, Taiwan (R.O.C.)

has been assessed and found to be in accordance with the requirements of  
standard detailed below  
**ISO 9001:2015**

Scope  
1. Color Matching and Mixing of Plastic Products  
2. Plastic Products Processing and Manufacturing  
Raw Material Composite Materials, Fillers, Modified Additives, Professional  
Plastic Pellets



Certificate No.: ARES/TW/2110030  
Certificate Issue Date: 2022-01-13  
Registration Expiration Date: 2025-01-12

The time interval between each surveillance audit and the full on site audit shall not exceed 12 months,  
and the organization must obtain "surveillance audit approval notification" issued by ARES to ensure the  
validity of the certificate.

Authorized by:  
*Chiozjwen*



ARES International Certification Co., Ltd.  
No. 12-1, Ln. 187, Wenping Rd., Aizping Dist., Tainan City 706, Taiwan  
TEL: 86-295 9606 (Rep. Line) FAX: 06-295 9607  
www.ares-registratio.com



ISO 14064-1



PCR.PIR











01

射出機

Inject molding machine



02

壓模機

Manual thermos molding machine



03

拉伸機

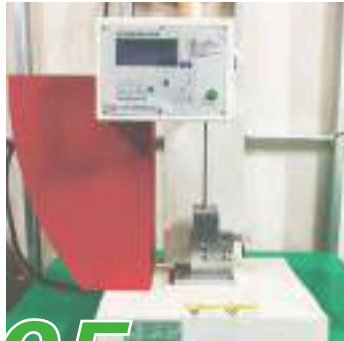
Microcomputer tensile testing machine



04

流動係數檢測

Melt flow rate testing



05

衝擊強度

Impact intensity



06

水份檢測器

Moisture analyzer



07

硬度檢測計

Shore hardness testing machine (handheld)



08

烘料機  
Oven



09

測色儀  
Spectrophotometer



10

灰份機  
Muffle furnace



11

硬度檢測器  
Shore harness testing machine



12

烘料機  
Electric thermostatic drying oven



13

水質檢測器  
Moisture analyzer



14

PH值檢測  
PH detector







# Solution

## 解決方案

可依客戶需求提供國際認證，例如歐規認證、品質認證、回收認證、綠能認證，並針對客戶產品提供相關色相檢驗報告

Can provide international certification according to customer needs, such as European certification, quality certification, recycling certification, green energy certification, and provide relevant hue inspection reports for customer products.



## 深諳塑材特性 客製化研發 創造特有價值

以國際綠能產業的高度,豐富且專業的再生塑材應用經驗,深諳不同塑材配比的物性,結合卓越的研發能力,可依客戶不同需求,提供再生塑材特性分析與客製化服務,並以嚴謹、精求的測試過程,予以客戶真正符合需求且高穩定的好品質。

Deep understanding of plastic properties  
Customized R&D to create unique value

With the height of the international green energy industry, plentiful and professional experience in the application of recycled plastic materials, and the deep understanding of the physical properties of different material ratios, combined with excellent research and development capabilities. We can provide analysis and customized services for the characteristics of recycled plastic materials according to different needs of customers, and with a rigorous and refined testing process, we can provide high and stable quality that truly in line with customers' needs.



# Application

應用領域



Electronics industry

電子業

01



Car industry

汽機車產業

02



Optoelectronics

光學產業

03



Cosmetics

化妝品製造業

04



Medical industry

醫療產業

05



Plastic Industry

塑膠業

06

# Service Process

## 服務流程



需求產生-洽詢  
Inquiry Letter



專屬國內外業務服務  
Sales representative

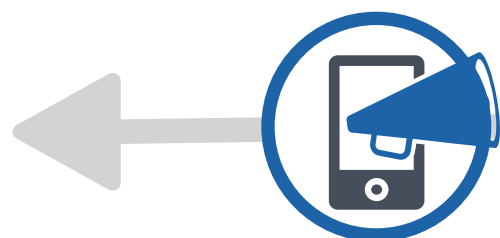


物性確認 協助改質  
Client contact and confirmation  
of physical property requirements  
(Material confirmation and comparison)  
Assisting in upgrading  
(Internal proofing and confirm with customers to ensure quality)

提供最精準完善的檢驗報告  
以確保客戶對產品規格的需求



提供報價  
Quotation providing



售後追蹤  
Tracking after sales



包裝出貨  
Packing and shipment



品質檢測  
Quality management



生產造粒  
Production granulation



訂單確認  
Order confirmation





## 深耕 永續綠能 積極 關懷社會

昀綦企業不只以國際綠能產業為己任，為改善全球環境汙染問題、未來循環經濟而持續努力深耕。在平時也積極關注社會需求，投入企業志工、捐助社會弱勢團體、參與社區關懷、公益活動，帶著飲水思源的本心，力行「取之於社會、用之於社會」的理念，多面向深入社會各個角落，實踐「保護環境永續、關懷社會弱勢」的企業責任。

Deeply cultivate/Sustainable green energy  
Positive/Caring for society

Yun-Qi Enterprise not only takes the international green energy industry as its own responsibility, but also makes continuous efforts to improve the global environmental pollution problem and the future circular economy. We also pay attention to social needs actively, participate in corporate volunteers, donates to disadvantaged social groups, social care, and public welfare activities. With the original intention of gratitude, we implement the philosophy of "take it from the society and use it for the society" and go deep into all corners of the society in various ways to fulfill the corporate responsibility of "protecting the environment for sustainability and caring for the social disadvantaged groups".





# 昀綦有限公司

Yun Qi Co., Ltd.

資本額 7,000,000  
公司市值 1,200,000,000

📍 臺南市歸仁區中山九街9號  
No. 9, Zhongshan 9th St., Guiren Dist., Tainan City 711012, Taiwan (R.O.C.)

☎ +886 6 230-6437

📠 +886 6 230-9745

🌐 [www.YunQi.com.tw](http://www.YunQi.com.tw)

✉ [threeprice@yunqi.com.tw](mailto:threeprice@yunqi.com.tw)

