



ZHAN XIN PLASTIC CO.,LTD

Company Profile

Leading the Circular Economy, · **Specialists in Recycled Plastics**



We are dedicated to converting waste plastics into high-quality recycled pellets, delivering sustainable material solutions to global industries.

 GRS (Global Recycled Standard) certified

ZHAN XIN PLASTIC CO.,LTD- CATALOG| 2026

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Core Technologies & Strengths

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Company Overview

ZHAN XIN PLASTIC CO., LTD, a pioneer in the field of eco-friendly recycled plastic pellets, is dedicated to transforming waste plastics into high-quality sustainable recycled plastics, providing sustainable material solutions for industries worldwide. The company is not only a manufacturer but also an active contributor to promoting the circular economy and practicing environmental sustainability. Through advanced expertise and strict quality control, ZHAN XIN ensures that every batch of products meets the highest customer standards while contributing to the sustainable use of the planet's resources.



Pioneer in the Circular Economy

Through advanced recycling and regeneration technologies, we transform waste plastics into high-value recycled plastic pellets, enabling the circular use of resources and reducing environmental impact.



Quality Assurance

We have established a rigorous quality control system to ensure that every batch of recycled plastic pellets meets the highest standards, exceeding customer expectations and providing our clients with the most reliable partnership.



Global Presence

In addition to a strong presence in the Taiwan market, we actively expand our international trade, delivering professional and efficient services to clients worldwide, becoming a trusted ally for companies seeking to grow in the global market.



Company Vision

"Turning Finite Resources into Infinite Cycles" — This is ZHAN XIN PLASTIC CO., LTD's steadfast belief, driving the company to continuously innovate and excel, contributing to the sustainable use of the planet's resources.



Company Position and Goals

ZHAN XIN PLASTIC CO., LTD is committed to becoming a technology leader in the field of recycled plastic pellets.

「 Turning finite resources into infinite cycles 」



Full-Property Customization

Leveraging our expertise, we customize material properties, colors, and other specifications to fully meet customer expectations. °



Strict Quality Control

We adhere to international standards and use precision testing to ensure top-quality products. °



Sustainable Development

Creating a complete circular economy ecosystem to protect the planet and generate value for industries.

Company Website Positioning

- 🎯 Strengthen company image and showcase technical capabilities
- 📈 Enhance brand awareness
- 👥 Attract potential domestic and international clients
- 💬 Increase business inquiries

Mission & Vision

" Turning finite resources into infinite cycles "



Mission

ZHAN XIN PLASTIC CO., LTD is committed to transforming waste plastics into high-performance, high-quality recycled materials, building a comprehensive circular economy ecosystem.

- ✓ Recycling waste plastics to reduce environmental impact
- ✓ Converting waste plastics into high-quality recycled materials
- ✓ Creating value for industries
- ✓ Promoting resource circulation and reuse



Vision

Starting from Taiwan and moving toward global sustainability, we aim to become a technology leader in the recycled plastic pellet industry.

- 🌐 Expanding into global markets and building an international brand
- 💡 Continuously innovating through R&D to lead industry development
- 🤝 Establishing long-term partnerships with customers and suppliers
- 🌱 Contributing to the sustainable use of the planet's resources

Core Values



Technological Excellence

- ✓ Continuous investment in R&D to master proprietary sorting, cleaning, and pelletizing technologies
- ✓ Ensuring the purity and consistency of recycled plastic pellets
- ✓ Exceeding customer expectations by delivering high-quality products

💡 Transforming waste plastics into high-performance, high-quality recycled materials through advanced technologies



Commitment to Quality

- ✓ Adhering to rigorous quality control processes in accordance with international standards
- ✓ Guaranteeing top-quality products in every batch
- ✓ Dedicated QC lab with precision testing equipment

📋 From raw materials to finished products, every stage is rigorously inspected to ensure flawless quality



Integrity in Business

- ✓ Committed to openness and transparency
- ✓ Every step withstands strict scrutiny
- ✓ A reliable partner for long-term collaboration

♥ Built on integrity, fostering long-term trust with customers, suppliers, and employees

Development History



Founding Years

Dedicated to plastic recycling and regeneration, building the foundation for sustainability



Technology Development & Market Expansion

Scaling up production and developing versatile recycled plastic products to meet industry demands



Establishment of Quality Systems

Strict quality management ensures stable, consistent recycled pellets and boosts competitiveness



Commitment to Sustainability

Embedding sustainability at our core, engaging in environmental initiatives, and achieving global certifications



Achieved ISO, GRS & PCR Certifications

Our certifications reflect leading international standards in material sourcing, supply chain, social responsibility, and environmental management



Continuous Innovation & Global Expansion

Innovating with recycled materials and advancing global circular economy initiatives

Overview of Core Advantages

ZHAN XIN PLASTIC CO., LTD stands out in a highly competitive market, primarily thanks to its four key core advantages. :



Proprietary Technologies & Advanced Processes

Combining advanced equipment with decades of hands-on experience, we have developed industry-leading recycling technologies, including precise sorting, efficient washing and pelletizing, and accurate color and material property control systems.



Reliable Raw Material Supply

We have established long-term, stable partnerships with numerous upstream suppliers to ensure a consistent and diversified source of recycled materials, minimizing the impact of fluctuations from any single source on production.



Rigorous Quality Control, Exceeding Standards

We have established a dedicated quality control laboratory equipped with high-precision testing instruments. Strictly adhering to international standards, every batch undergoes comprehensive inspections to ensure absolute product stability and superior quality.



Sustainability Commitment & Concrete Actions

Through GRS, PCR, ISO 9001, and ISO 14001 certifications, we uphold our responsibility as a green enterprise by establishing a complete circular economy loop, actively reducing energy consumption and minimizing carbon footprint.

Reliable Raw Material Supply

Robust Supplier Network

ZHAN XIN PLASTIC CO., LTD has established long-term, stable partnerships with numerous upstream suppliers to ensure a consistent and diversified supply of recycled materials. This approach minimizes the impact of fluctuations from any single source, guaranteeing that customers always have access to sufficient quantities of high-quality recycled plastic pellets.

Supply Chain Advantages

- ✓ Ensuring stable sources of recycled materials
- ✓ Diversified raw material supply channels
- ✓ Reducing reliance on a single source
- ✓ Guaranteeing consistent product quality for customers

Stable supply through a diversified network of suppliers



Rigorous Quality Control, Exceeding Standards



Dedicated Quality Control Laboratory

Equipped with high-precision testing instruments, our laboratory can perform real-time measurements of multiple parameters, including **tensile strength, melt flow index, impact strength, hardness, ash content, flexural strength, specific gravity, relative humidity, flexural modulus, eight heavy metals, and elongation**, ensuring the quality of every batch of products. °



Batch Inspection System

Every batch of recycled plastic pellets undergoes comprehensive testing before shipment, ensuring absolute product stability and providing solid support for customers' downstream production.



Aligned with International Standards

Our quality management processes strictly adhere to international regulations, ensuring that ZHAN XIN PLASTIC CO., LTD's products seamlessly meet global market requirements.

" Every step rigorously inspected to guarantee flawless quality "



Sustainability Commitment & Concrete Actions (GRS & PCR Certifications)



Sustainability Commitment & Concrete Actions (ISO9001、ISO14001)

CERTIFICATE



特此授予：
展昕塑膠有限公司
 高雄市岡山區正義路199巷8號

管理體系符合
ISO 14001:2015
 IAF代碼
E14-1

驗證範圍
PP、PE、ABS、HIPS、PMMA回收塑膠粒加工與銷售

證書編號: ARES/TW/2507055E
 證書發日期: 2025-07-08
 證書有效日期: 2028-07-07

每次監督審核時間與上次現場審核時間間隔不得超過12個月，且必須取得ARES發給的監督審核通過證明以確保證書有效性。



CERTIFICATE



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

ZHAN XIN PLASTIC CO., LTD
 No. 8, Ln. 199, Zhengqi Rd., Gangshan Dist., Kaohsiung City 820,
 Taiwan (R.O.C.)

Has been assessed and found to be in accordance with the requirements of
 standard detailed below
ISO 14001:2015
 IAF Code
E14-1

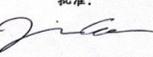
Scope
**Process and Sales of PP, PE, ABS, HIPS, PMMA
 Recycle Plastic Pellets**

Certificate No.: ARES/TW/2507055E
 Certificate Issue Date: 2025-07-08
 Registration Expiration Date: 2028-07-07.

The time interval between each surveillance audit and the last 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.



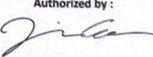
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ARES International Certification Co., Ltd.
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管理體系符合
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驗證範圍
PP、PE、ABS、HIPS、PMMA回收塑膠粒加工與銷售

證書編號: ARES/TW/2507055Q
 證書發日期: 2025-07-08
 證書有效日期: 2028-07-07

每次監督審核時間與上次現場審核時間間隔不得超過12個月，且必須取得ARES發給的監督審核通過證明以確保證書有效性。



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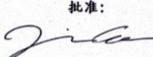
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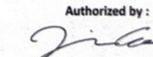
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Sustainability Commitment & Concrete Actions

Certifications mark the beginning of our sustainability journey, with concrete actions driving green corporate responsibility



Complete Circular Economy Loop

Transforming waste plastics into high-quality recycled pellets, reintegrating resources into high-value industrial chains

- ✓ Resource Circulation
- ✓ High-Purity Recycled Materials
- ✓ Closed-Loop Industrial Chain Management



Energy-Saving & Carbon Reduction in Production

From equipment selection to process optimization, we actively reduce energy consumption and minimize our carbon footprint

- ✓ Advanced Energy-Efficient Equipment
- ✓ Optimized Production Processes
- ✓ Contributing to Global Carbon Reduction



Comprehensive Environmental Management System

Equipped with industry-leading wastewater and exhaust gas treatment facilities, ensuring zero environmental impact throughout the production process

- ✓ Wastewater Treatment Systems
- ✓ Exhaust Gas Treatment Equipment
- ✓ Zero Environmental Impact

「 Turning finite resources into infinite cycles, reducing the burden on the planet, and creating value for industries 」

Products & Applications Overview

ZHAN XIN PLASTIC CO.,LTD offers a broad and high-quality portfolio of recycled plastic pellets, covering both Post-Consumer Recycled (PCR) materials and Post-Industrial Recycled (PIR) materials, meeting the diverse needs of various industries



Core Recycled Plastic Pellet Products



Recycled ABS Pellets

Recycled ABS resin, commonly used for electronic device housings and automotive components



Recycled HIPS Pellets

High-impact polystyrene, suitable for toys and pipe manufacturing



Recycled PS Pellets

Polystyrene, widely used in packaging and household appliance components



Recycled PP Pellets

Polypropylene, used in automotive parts, household appliance housings, and packaging.



Recycled AS Pellets

Modified polystyrene with high transparency, used in CDs and eyeglass lenses



Recycled PMMA Pellets

Polymethyl methacrylate (PMMA) with high transparency (up to 95%), excellent weather resistance, and hardness, ideal for signage, lightboxes, vehicle lamps, optical lenses, and glass alternatives



GRS Certified Products (1)

 All recycled plastic pellets from ZHAN XIN PLASTIC CO., LTD are GRS certified, providing customers with traceable, compliant, and sustainable materials.

Product Category	Recycling Type	Description
 Recycled Polyester(PET)	100% post-consumer recycled PET (PCR)	High strength, good processability, and chemical resistance; ideal for textiles, packaging, and industrial applications
 Recycled Acrylonitrile Butadiene Styrene (ABS)	100% post-consumer recycled ABS (PCR)	High impact resistance and toughness; commonly used for electronic housings and automotive components
	100% pre-consumer recycled ABS (PIR)	
 Recycled Polycarbonate (PC)	100% post-consumer recycled PC (PCR)	Excellent transparency, impact resistance, and heat resistance; used in optical lenses, electronic housings, and automotive parts
	100% pre-consumer recycled PC (PIR)	
 Recycled Polyamide (PA / Nylon)	100% pre-consumer recycled nylon (PIR)	Excellent transparency, impact resistance, and heat resistance; used in optical lenses, electronic housings, and automotive parts

GRS Certified Products (2)

ZHAN XIN PLASTIC CO., LTD offers a wide range of GRS-certified recycled plastic pellets. All products are made from 100% recycled materials, providing traceable, compliant, and sustainable raw materials.

Global Recycle Standard (GRS) Certification

Product Category	Recycling Type	Description
 Recycled Polypropylene (PP)	100% Post-Consumer Recycled PP (PCR)	Good chemical resistance, lightweight, and easy processing; used in automotive parts, household appliance housings, and packaging
	100% Pre-Consumer Recycled PP (PIR)	
 Recycled Polyethylene (PE)	100% Post-Consumer Recycled PE (PCR)	Excellent chemical resistance, flexibility, and processability; widely used in films, containers, pipes, and household products
	100% Pre-Consumer Recycled PE (PIR)	
 Recycled Thermoplastic Elastomer (TPE)	100% Pre-Consumer Recycled TPE (PCR)	Flexible, durable, and easy to process; suitable for automotive, consumer goods, and industrial applications
	100% Pre-Consumer Recycled TPE (PIR)	
 Recycled Thermoplastic Rubber (TPR)	100% Pre-Consumer Recycled TPR (PCR)	Elastic, tough, and wear-resistant; ideal for footwear, mats, automotive seals, and industrial parts
	100% Post-Consumer Recycled PE (PIR)	

GRS Certified Products (3)

ZHAN XIN PLASTIC CO., LTD. offers other GRS-certified products, providing a wide range of high-recycled materials and customized services

Product Category	Recycling Type	Description
 Recycled Polystyrene (PS)	<ul style="list-style-type: none">• 100% Post-Consumer Recycled PS (PCR)• 100% Pre-Consumer Recycled PS (PIR)	High transparency, easy coloring, good processability, and low cost, widely used in disposable tableware, packaging materials, home appliance components, and building materials
 Recycled Polyoxymethylene (POM)	<ul style="list-style-type: none">• 100% Post-Consumer Recycled POM (PCR)	High strength, wear resistance, and self-lubricating properties, widely used in engineering plastics, automotive parts, mechanical components, and textiles
 Recycled Polyvinyl Chloride (PVC)	<ul style="list-style-type: none">• 100% Post-Consumer Recycled PVC (PCR)	Excellent electrical insulation, flexibility, and processability, widely used in wires and cables, plastic bags, films, and pipes
 Recycled Acrylic (PMMA)	<ul style="list-style-type: none">• 100% Post-Consumer Recycled PMMA (PCR)	High transparency, excellent weather resistance, and superior surface hardness; commonly used for signage, advertising lightboxes, vehicle lamp covers, optical lenses, and as a glass alternative in architectural applications
 Customized Recycled Plastic Blends	<ul style="list-style-type: none">• Customized to Customer Needs	Providing customers with tailor-made recycled plastic blends to meet specific performance requirements for different applications, such as color, strength, and elasticity

GRS International Certification

Certificate Details



Certificate Number

CU 1175020GRS-2025-00092766



Valid Until:

August 11, 2026

Certifying Body



Certifying Body

Control Union Certifications

Certification Benefits



Enhances Product Credibility

Ensures that recycled plastic products' environmental claims are genuine, reliable, and compliant with international standards



Strengthen Brand Image

Demonstrates the company's commitment to environmental protection, enhancing brand's green competitiveness in the market



Align with International Trends

Meets global green procurement and sustainable supply chain requirements, supporting international market expansion



Optimize Internal Management

Drives continuous improvement in environmental management, social responsibility, and chemical management within the company



Promote Partnerships

Provides customers and partners with reliable sustainable solutions, fostering long-term and stable collaboration

Contribution to the Circular Economy

ZHAN XIN PLASTIC CO., LTD plays a key role in the circular economy by transforming waste plastics into high-value recycled pellets through advanced recycling and regeneration technologies, enabling the continuous reuse of resources

Stage	Our Role	Environmental Benefits
 Waste Collection	Establish a stable recycling network to ensure a reliable raw material supply	Reduce waste sent to landfills or incinerators
 Sorting & Preprocessing	Utilize advanced technologies to enhance raw material purity and quality	Lower downstream processing energy consumption while ensuring the quality of recycled products
 Recycling & Pelletizing	Professional production lines to ensure the consistency and stability of recycled pellets	Give new life to waste plastics and create economic value
 Product Applications	Provide high-quality recycled materials to meet diverse customer needs	Reduce reliance on virgin plastics, conserving natural resources
 Sustainable Circular Use	Continuously promote recycling and reuse to achieve sustainable resource circulation	Establish a closed-loop economic model to maximize resource utilization efficiency

Supplier Production Process & Quality Control



Melt Pelletizing & Quality Control

- The dried plastic fragments are melted at high temperatures and extruded into uniform pellets
- The molten plastic strands are cooled and then cut into standard-size pellets using a pelletizer
- Multiple quality tests are performed on the produced recycled plastic pellets to ensure they meet specifications
- Approved products are packaged and prepared for shipment

Comprehensive Quality Management System

Incoming Quality Control (IQC)

In-Process Quality Control (IPQC)

Final Quality Control (FQC)

Quality Control System



Incoming Quality Control (IQC)



In-Process Quality Control (IPQC)



Final Quality Control (FQC)



Laboratory Testing



Batch Traceability



Incoming Quality Control (IQC)

- ✓ Conduct rigorous physical and chemical testing on all recycled plastic raw materials
- ✓ Assess material identification, impurity content, color consistency, and other key indicators
- ✓ Ensure raw material sources meet company standards and GRS certification requirements



In-Process Quality Control (IPQC)

- ✓ Regular sampling and testing at each production stage, including washing, shredding, and pelletizing
- ✓ Monitor key parameters such as temperature, pressure, and pellet size
- ✓ Adjust production conditions in real time to ensure process stability and product quality



Final Quality Control (FQC)

- ✓ Conduct comprehensive testing on the final recycled plastic pellets
- ✓ Evaluate key properties such as Melt Index (MI), density, tensile strength, impact strength, and color stability
- ✓ Ensure product performance meets customer specifications and international standards



Laboratory Testing

- ✓ Equipped with a professional laboratory for in-depth material analysis and performance testing
- ✓ Provides scientific support for product development and quality improvement



Batch Traceability System

- ✓ Establish a comprehensive batch traceability system, covering everything from raw material procurement to finished product delivery
- ✓ Full-process recording to ensure traceability of product origins
- ✓ Clear responsibility allocation to enhance supply chain transparency and reliability

Customer Achievements

ZHAN XIN PLASTIC CO., LTD's outstanding quality and reliable supply have been recognized by numerous well-known companies. The company is honored to serve as the designated supplier for the following key clients, which not only validates our technology and service but also serves as a major driving force for continuous improvement



CHIMEI Corporation

A leading plastic manufacturer in Taiwan, maintaining a long-term and stable partnership with us, recognizing the high quality and consistency of our recycled plastic pellets



CW Materials Inc.

A global plastics enterprise, choosing us as their recycled material supplier, demonstrating that our products meet international standards and industry requirements



Kaofu Chemical Corporation

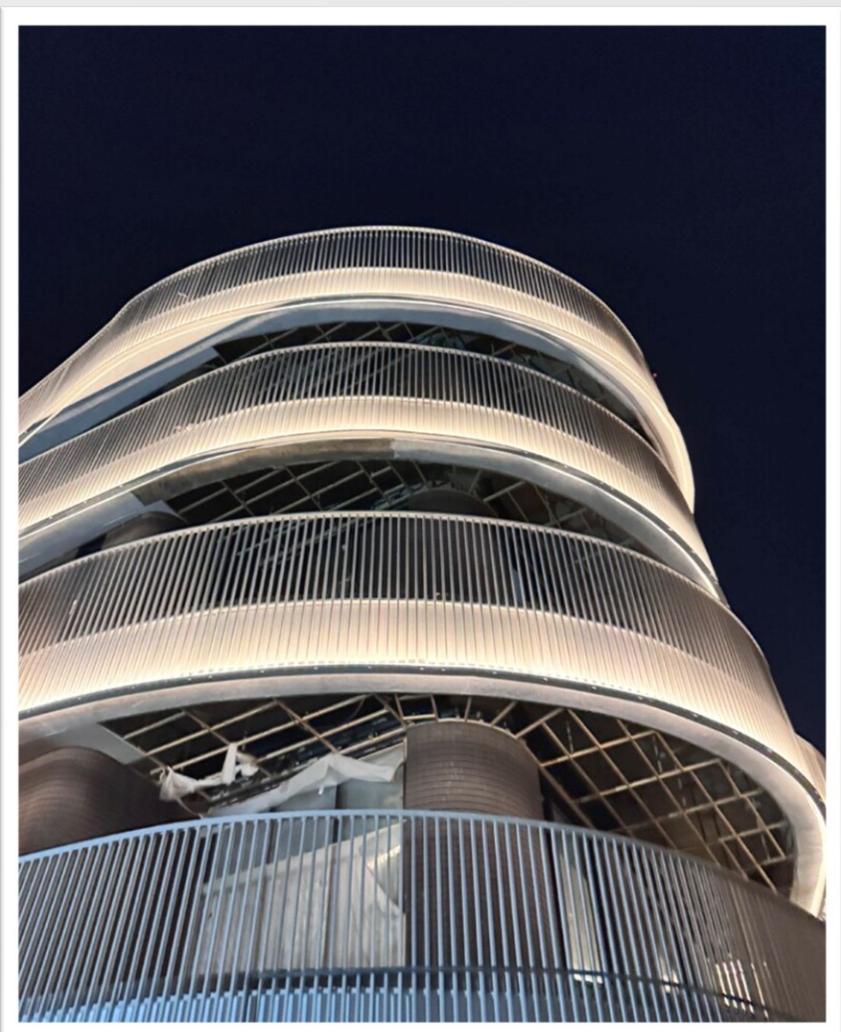
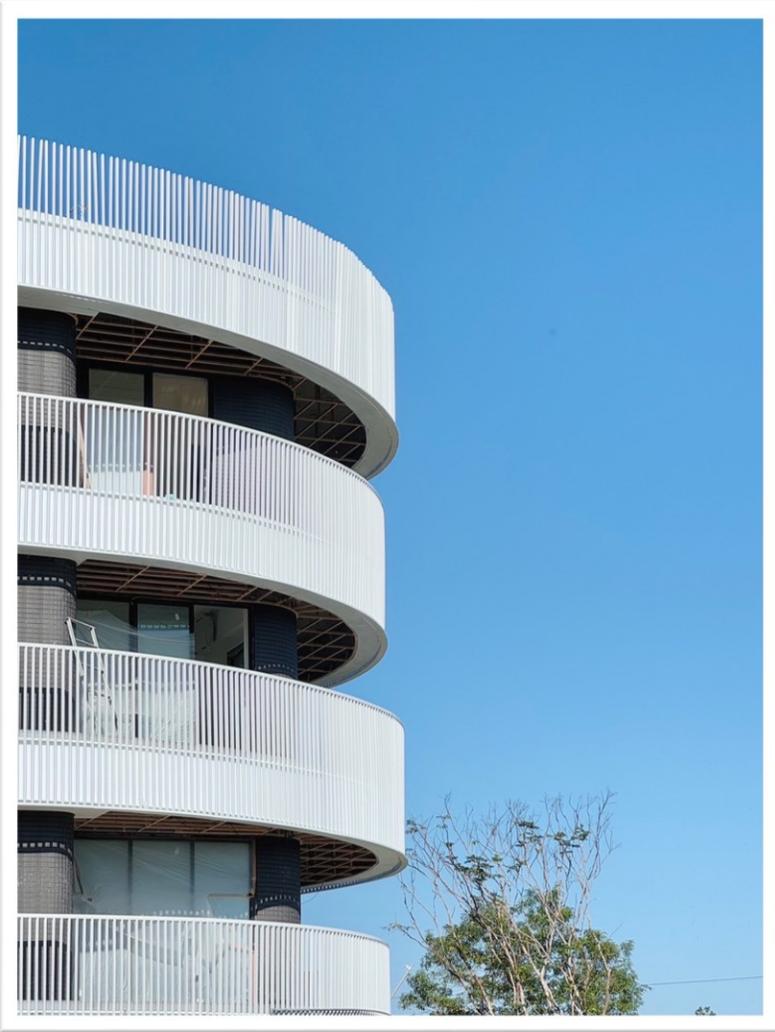
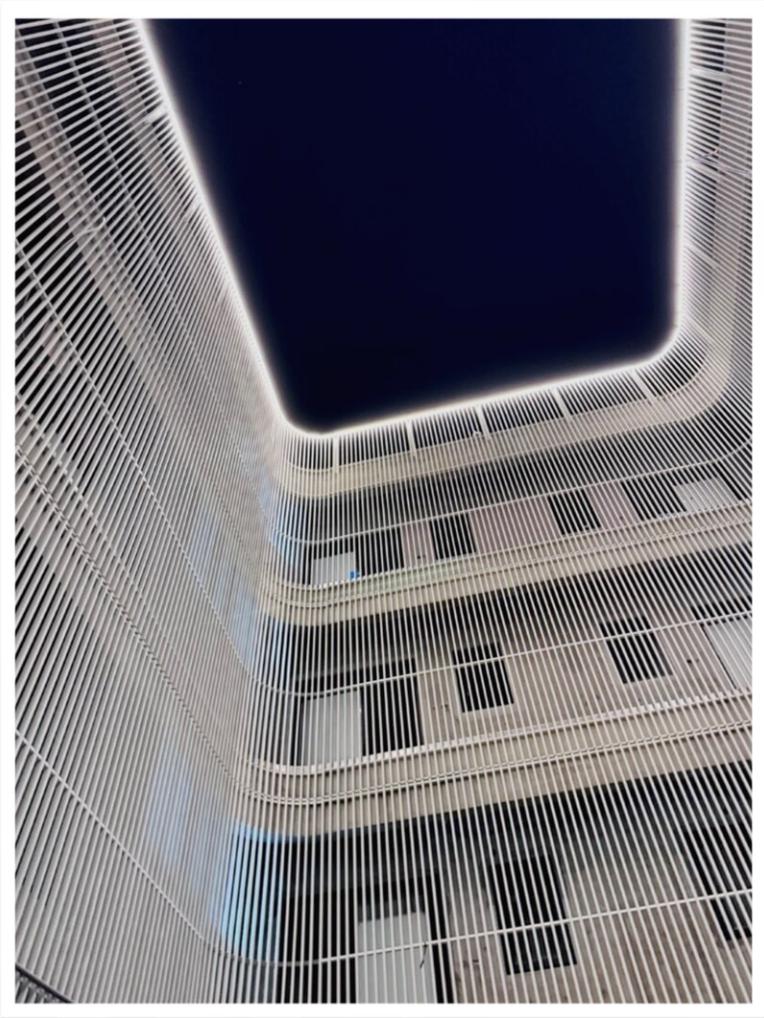
Specialized in advanced chemical materials R&D, collaborating with us to develop cost-effective recycled plastics, expanding applications in the green market



Proof of Market Recognition

The choice of these leading companies demonstrates that our recycled plastic pellets meet the most stringent industry standards in terms of quality, consistency, and environmental compliance. We will continue to uphold a professional approach, providing more customers with high-quality recycled material solutions

Customer Product Examples (Green Building Materials)



Customer Product Examples (Green Building Materials)



Customized Solutions

We can tailor recycled plastic pellet formulations and provide technical support based on local regulations, market requirements, and application needs, helping our customers maintain a competitive edge in their markets



Local Regulatory Compliance

Customized recycled plastic pellets designed to comply with local environmental regulations, safety standards, and certification requirements in each customer's country or region



Market Demand Analysis

In-depth analysis of industry trends, competitive landscapes, and customer needs to deliver product features and solutions that align with market expectations



Application-Specific Optimization

Adjustment of physical properties, processing performance, and end-use characteristics of recycled plastic pellets to achieve optimal performance for specific applications

Customized Solution Process



Requirement Discussion



R&D Customization



Sample Provision



Collaborative Production

Future Outlook

ZHAN XIN PLASTIC CO.,LTD will continue to uphold the principles of sustainable development, dedicating ourselves to innovation and breakthroughs in the recycled plastics industry, and contributing to a more sustainable future for our planet



Continuous Investment in R&D

We continuously explore high-value recycled material applications, break through technological barriers, and develop more advanced recycling technologies to deliver more competitive solutions for our customers



Capacity Expansion

We are actively expanding our production facilities and capacity to meet the growing global demand for environmentally friendly materials, supplying high-quality recycled plastic pellets to a wider range of industries



Driving Industry Advancement

By leading new trends in the circular economy, we integrate environmental protection and social responsibility into our operations, actively promoting sustainable development and leaving a better planet for future generations



Strengthening International Partnerships

By expanding global green supply chains, we collaborate with international partners to advance sustainable development, build a broader cooperation network, and enable the global circulation of resources

“ Turning Limited Resources into Infinite Cycles, Building a Sustainable New World Together ”

Contact Us

 **ZHAN XIN PLASTIC CO.,LTD**

A Leader in the Circular Economy, Experts in Recycled Plastics



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Website

[Coming soon]

We look forward to working with you to contribute to environmental sustainability !



Turning limited resources into infinite cycles