

SINCE 1972

Root in China, Face to the World

超然新材料科技(广东)有限公司

Supreme Advanced Materials Technology (Guangdong) Co., Ltd.

www.supremebags.com | www.thedegradable.cn

Group member of Golden Resources Development International Ltd.(HKEX listed no.:677)



超然製品廠有限公司

Supreme

Your Packaging Partner

没有环保，就没有新材料包装

Without Environmental Protection,

There will be no Advanced Materials Packaging.

About Supreme



Supreme Development Co., Ltd. was established in Hong Kong in 1972. Supreme has got a high reputation in packaging industry with excellent experience and an professional production team for over 50 years.

Supreme is a professional factory which focusing to provide a customization service to customer. In order to meet difference customer demand, following packaging materials are provided: LDPE, HDPE, LLDPE, MDPE, CPE, PP, GREEN PE, PCR/PIR PE, PBAT, PE with eco/bdp, PE with LIMEX, OPP, CPP, VMPET, BOPA and othe plastic packaging materials which all meet the European ROHS and SGS/MSDS related certification, ensuring product quality and safety.

Supreme Factory has passed strict audits and obtained a number of international certifications and corporate certifications including ISO9001 / ISO22000 / HACCP / Sedex / Disney / Tyson / MARS / AEON and various degradable material certifications... etc under a professional management and complete production organization. With the continuous efforts for many years, Supreme's business has developed and expanded domestically and internationally. Our sales team has tenderly realized customers' requirements for products, so as to provide professional advices to meet customer needs. In the meantime, our product quality and professional after-sales service are also well received customers' trust and recognition.

At present, the world has gradually improved its awareness of environmental protection, Supreme has also actively responded to this topic, so we have introduced various types of Eco-friendly materials packaging products (such as degradable material and Bio-based materials) and have been deeply received customers support all over the world. Facing to the new era, in our company 50th anniversary, we decided to spend more than RMB 50 million in 2022 to set up a brand new factory and production lines in Boluo, Huizhou, Guangdong, China. At the same time, to cope with company's future development, the factory is also renamed as Supreme Advanced Materials Technology (Guangdong) Co., Ltd., which means that we attach importance to the research and development of new technologies and materials, also we will constantly innovate and make progress on the road of environmental protection. The design and construction of the new plant are mainly to fulfill the concept of green manufacturing with the goal of reducing carbon emissions, energy conservation and consumption, and to finally implement green and modern production result. As more effort and resources are put into more advanced machinery, together with well human resources training and more updated control system, the management quality of the enterprise is greatly increased.

Prospecting for the future, Supreme will keep promoting Eco-friendly packaging products with an innovative spirit. We are also willing to work with the spirit of teamwork, and looking forward to stepping towards the new century together.

52

YEARS
Hong Kong Brand

38

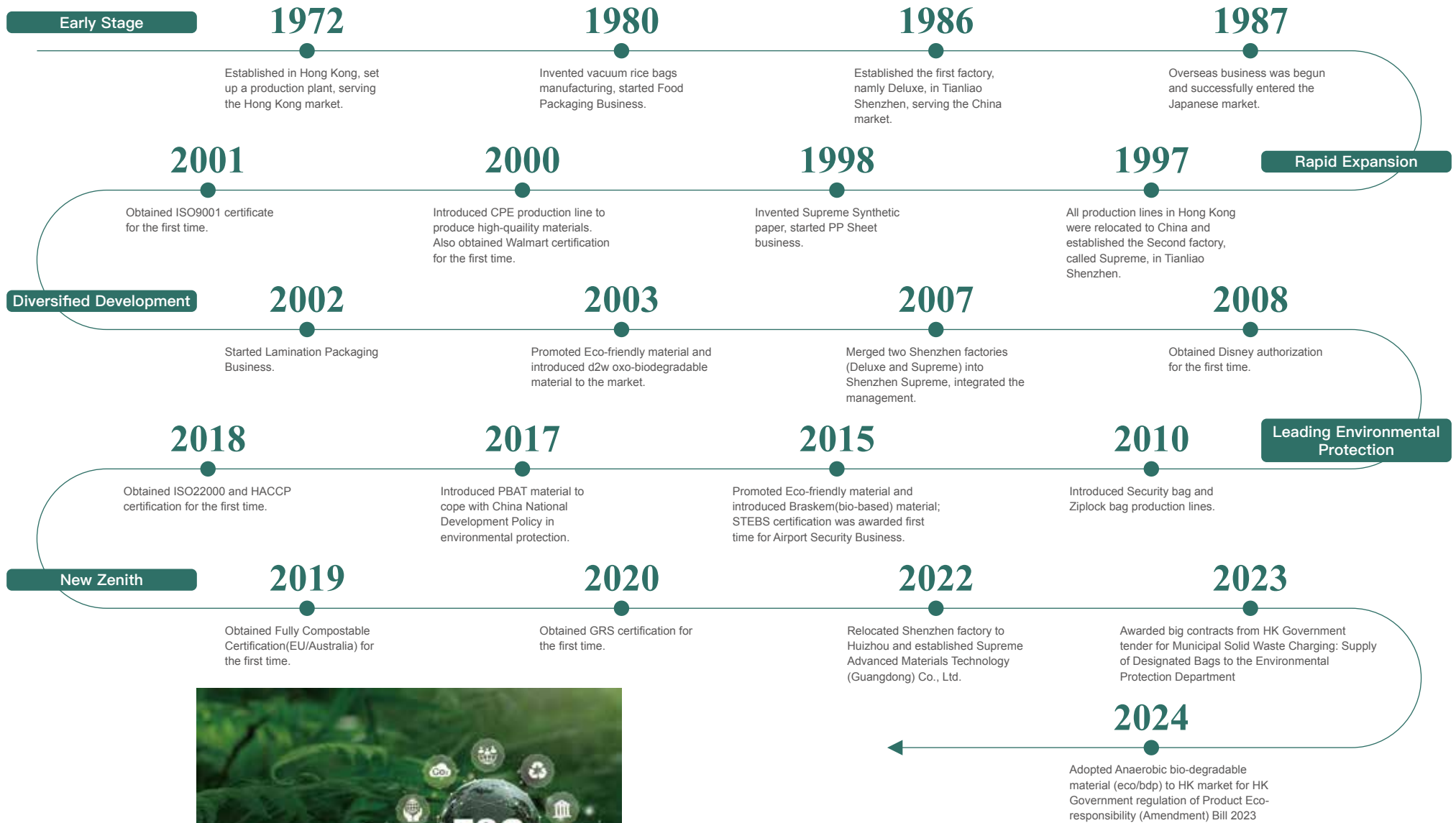
YEARS
Rooted In China

22

YEARS
Eco-Friendly
Advanced Materials

01

Milestone



Company Info

Basic Information

\$ 2,000,000,000+
Whole Group Annual Sales HKD

\$ 200,000,000+
Packaging Annual Sales HKD

48,000
Factory Size m2

320+
Number of Employee

Capacity and Equipments

1,100+
Monthly Capacity MT

32
Extrusion Machines

13
Printing Machines





130+
Other Machines

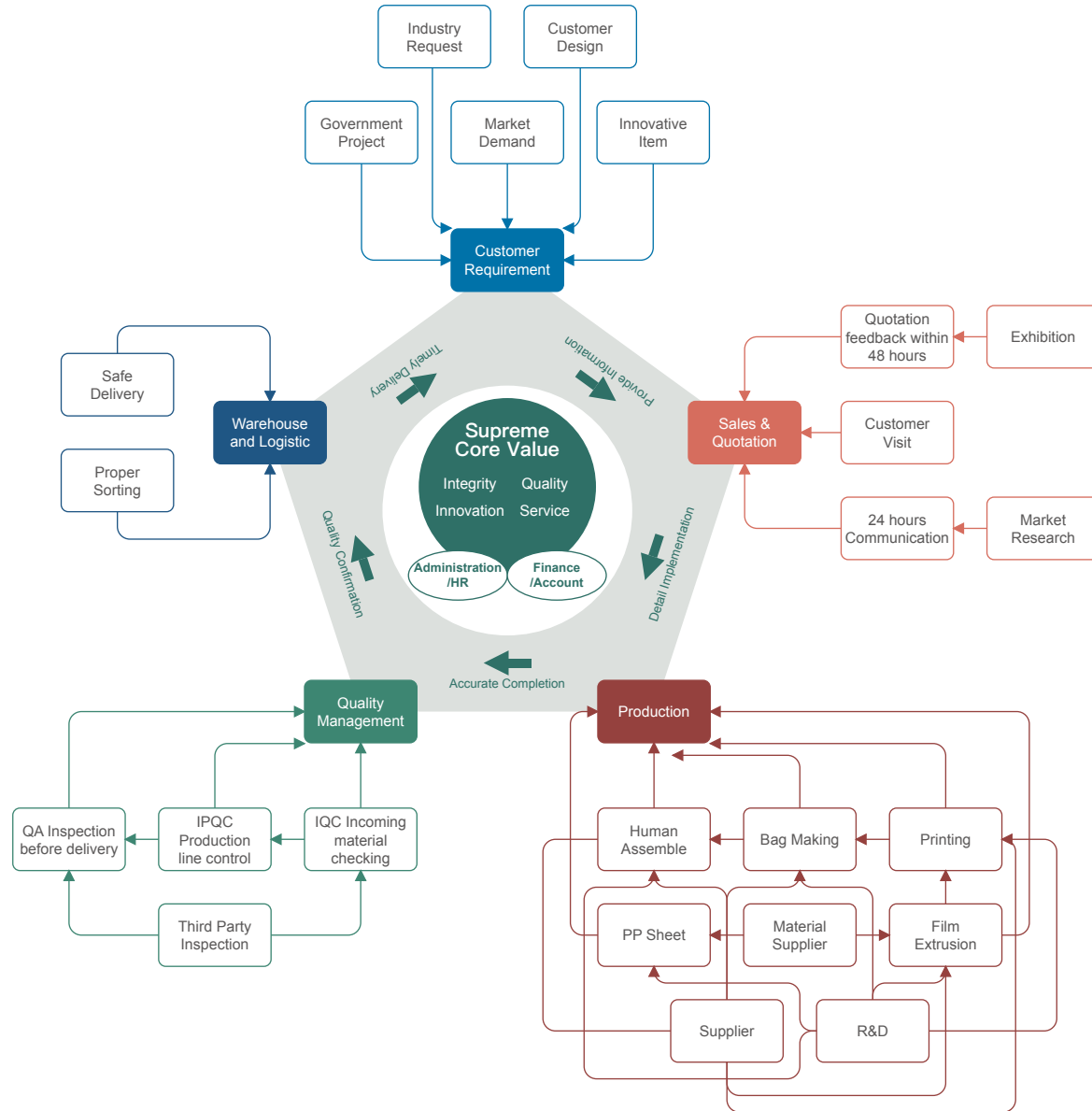
Business Distribution



Our Values

Supreme Organization

-  **4** Core Values
-  **3** Sales Divisions
-  **10+** Cooperated 3rd party QC Institutions
-  **6** Production Departments



Certificate

3

Quality Control System

10+

International Branding Certificate

10+

Country/Region Report

Qualification & Certification



9P0018



7P2218



7P2219



AS5810



AS4736

Management System



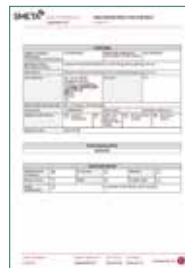
ISO 9001:2015



ISO 22000:2018



HACCP



SEDEX



PBAT



Courier Bag Green Product Certificate



Customs Filing Certificate



Green Leaf Certificate

Honor/License

3

Production
Permission

10+

Brand Awarding

40+

Patent
Invention

Production License



Production Permission Certificate



Business Registration Certificate



Printing Permission Certificate

Patents



Company Award



**WITHOUT
ENVIRONMENTAL
PROTECTION,**

**THERE WILL BE NO
ADVANCED MATERIALS
PACKAGING.**



Extrusion

Block A 1F – Huge Extrusion Machines

Equipped with full sets machines for LDPE extrusion, two layers co-extrusion, three layers co-extrusion, PP extrusion, PP water cooling extrusion, PPE extrusion and etc, all are suitable for producing various sizes and thicknesses of materials.



Block B 1F – Extrusion Machines

Equipped with multiple sets of HDPE extrusion machines and HDPE extrusion and printing integration machines, all are able to produce different sizes and thicknesses of materials.



Block A 1-3F – Various Equipments

PE injection machine, material blending equipment.





安全出口 EXIT

NO: AY8B

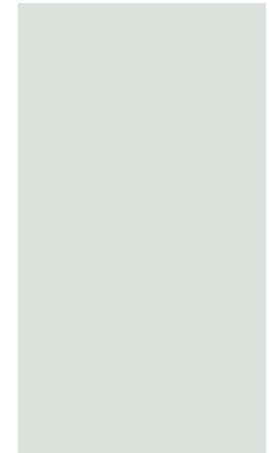
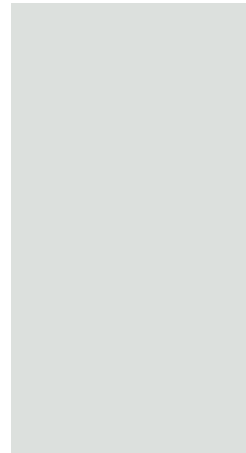
078

NO: W100

Printing

Block B 2F – Flexo Printing Machines

Range from 1-10 printing colors, with good ventilation facilities, humidity & temperature management and drying system, could simply but efficiently print various logos, patterns and contents on films.



Block B 2F – Gravure Printing Machines

Using water-based ink, range from 1-12C printing colors, equipped with advanced computer system for position matching and winding devices to control the colors accurately. Together with good ventilation facility and humidity & temperature management, able to print at high speed for various logos, patterns and contents on films.



切割机
NO. 48号

切割机
NO. 47号

切割机
NO. 46号

切割机
NO. 45号

48

48

48

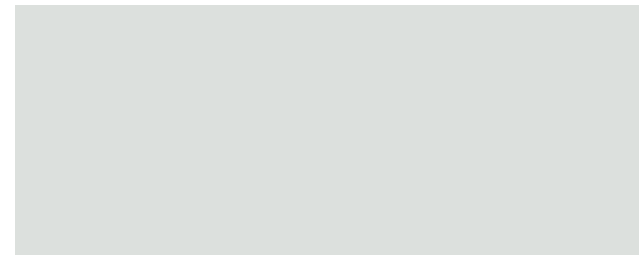
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48

Sealing

Block B 3F – Various Bag Sealing Machines

Equipped with various bag making machines for side sealing and bottom sealing, T shirt bags, diecut bags, courier bags and security bags with barcode which could satisfy customer's diversified production needs.

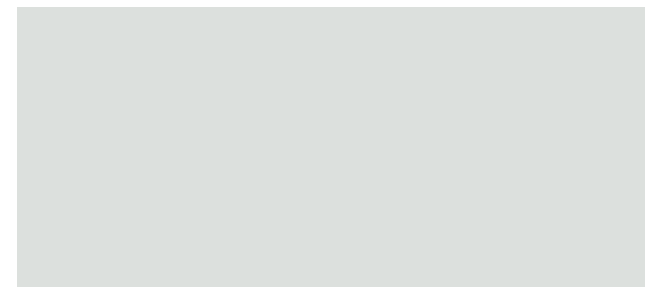


Block B 3F – Bag Gusset Folding Machines

Computerized control, could fold bag gusset accurately at high speed for subsequent processes usage.

Block B 3F – Bag Lamination Machines

Could laminate film materials at high-speed and with precise sizes for subsequent processes using.





Assembling

Block B 5F – Assemble Workers

Own a professional worker team with fruitful and skillful experience, able to provide different manual manufacturing processes expertly and efficiently to produce various types of hand-made plastic bags.



Block B 5F – Assemble Facilities

Introduction of innovative and advanced assembling facilities to assure stable product quality and meet the processing needs of different bag types.



Block B 5F – Assemble Packaging

Checking carefully and assembling seriously, matching with various designated accessories and packaging materials, and then packing into different types of bags to ensure the products fully meet the requirements of customers and the market.



切袋机
NO:19

切袋机
NO:18

切袋机
NO:17

切袋机
NO:16

切袋机
NO:15

切袋机
NO:14

切袋机
NO:13

切袋机
NO:12

Food Packaging

Block B 4F – Closed Decoration Design

Closed decoration food packaging workshop is equipped an air shower and dust-proof system. With regular cleaning and systemic management, it could achieve a high food grade packaging standard.



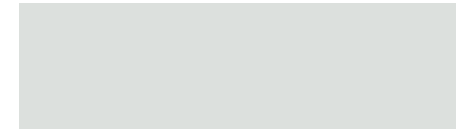
Block B 4F – Bag Making Machines

Equipped with various bag making machines which are specially designed for food packaging production, able to produce both roll bag or individual bag in order to fulfill customer different needs.



Block B 4F – Special Equipments

Barcode printing machines, rolling machines and metal detectors... etc.





PP Sheet

Block B 1F – Casting Machines

Able to customize different thicknesses and embossed pattern in professional, fine cutting and eco-friendly way. could provide a wide range usage of PP materials in all kind of industries.



Block B 1F – CPE Machine

High quality material with a soft and smooth texture, together with the surface embossment and various tailor-made colors, it is suitable for producing high-end gifts bag and packaging item which is popular in Japan and overseas especially.



Block B 1F – Heat Flattening Machine

Precisely control the material thickness and stably maintain surface flatness for different kinds of industrial usage and assemble as a value-added item.

**ROOT IN CHINA,
FACE TO THE WORLD.
SINCE 1972**



Post Industrial Recycled(PIR)

Block A 2F – Recycle Equipment

Aim to turn factory own wastage to become recycled resin by full set of recycle equipment.

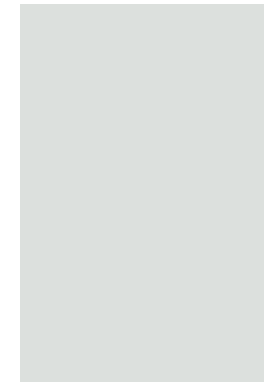
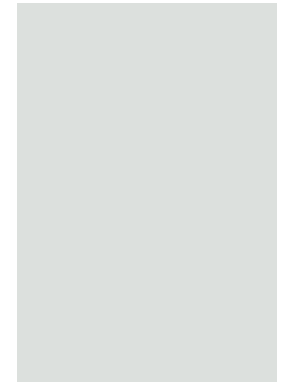


Block A 2F – Recycle Process

Put the waived bags or films to the conveyer belt, then heat and melt into plastic strips

Block A 2F – Recycle Output

Afier water-cooling and air-drying, cut the plastic strips to become plastic granules, finally collect back to reuse



Quality Control

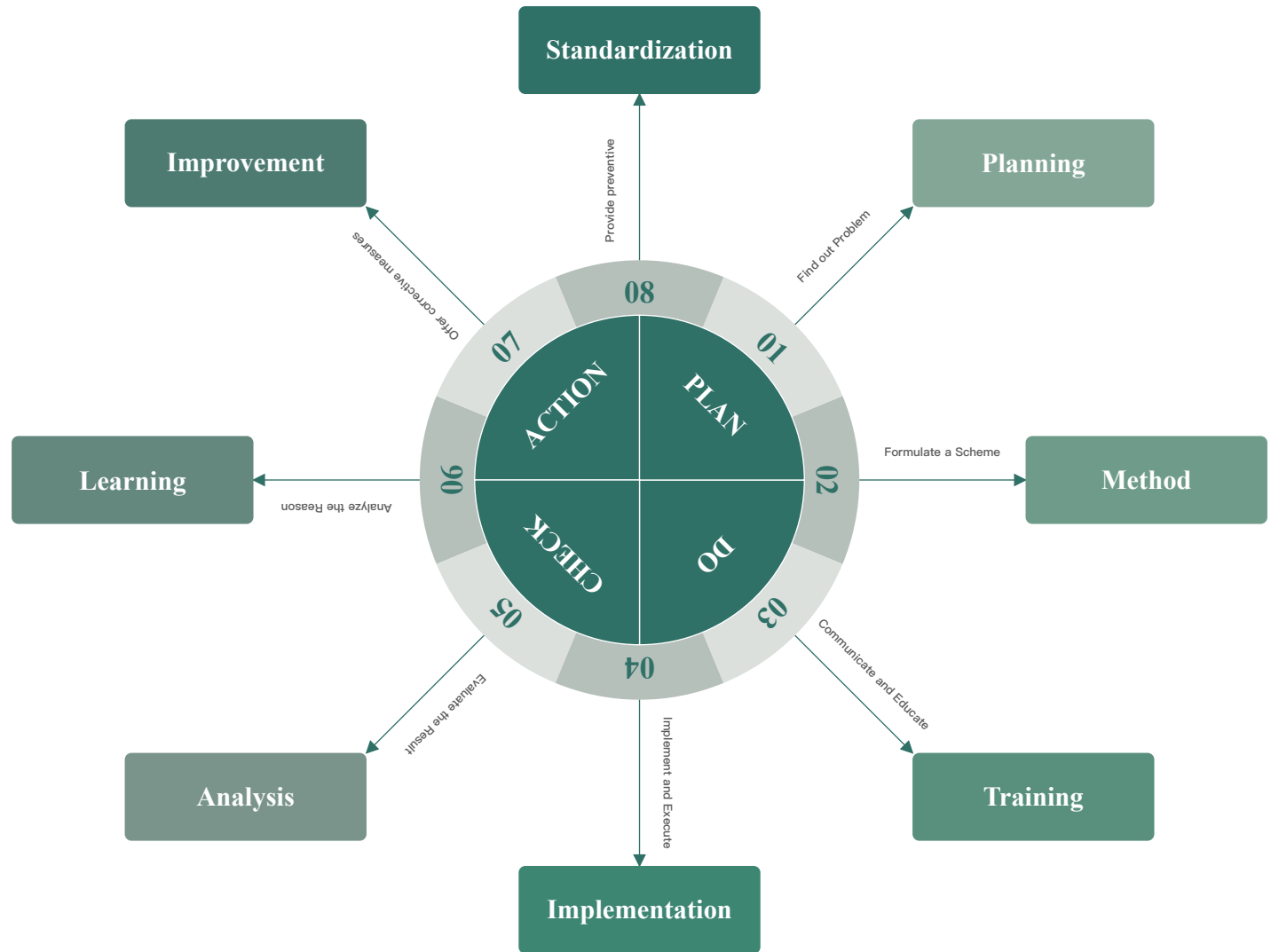
PDCA Principle

 **100%**
Quality Qualification Rate

 **100%**
Third Party Inspection Qualification Rate

 **100%**
Follow Up Question

 **100%**
Enhance and Improve Problem



Research & Development

Block B 5F – Laboratory

Testing item:

Tensile test , Impact test, Thickness test, Wear-resistance test, Temperature test, Vacuum test, Ink-adhesion test, Sealing test, Opacity test, Leakage-resistance test.

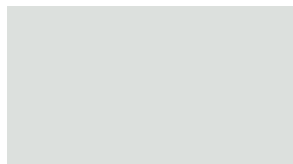
Inspection item:

Incoming material report(MSDS/SGS/GRS), In-process check, Appearance check, Random inspection of accessories, Carton mark check, Weight inspection, Third-party inspection report and etc.

Co-operation or Interaction

Environmental Protection Department, HKSAR
Hong Kong Productivity Council (HKPC)

KINGFA 金发科技 **MALION 美联**



A dense forest of tall evergreen trees, likely spruce or fir, covering a hillside. Sunlight filters through the canopy, creating a dappled light effect. The trees are dark green, and the overall scene is lush and natural.

**MAKE PLASTICS
TO ECO**

**ECO-FRIENDLY
MATERIALS**

Recycled Material (PCR/PIR)



With the increasing awareness of people globally for the development of environmental sustainability, reducing waste and optimizing the material usage become more important. Except using biodegradable materials, there is another environmental protection plan, that is reuse and recycle. Following the trend of worldwide environmental protection, Supreme obtained the Global Recycling Standard (GRS) 4.0 certificate in 2020 to fulfill our responsibility and make our contribution.

GRS certificate is an international product standard which apply to products with a recycled content between 20-100%. The standard cover the full supply chain and traceability of recycled materials, environmental principles and social requirements, also third party inspection and certification for chemical contents. In this way, this standard not only increase the usage of recycled materials in products, but also reduce and eliminate the harm in manufacturing.

Advantage:

Reuse and recycle the plastic could reduce the extraction of petroleum resources.
 Recycled plastic could reduce the volume of wastes and the burden of landfill.
 Compare with the manufacture of virgin plastic, plastic recycling production could reduce energy usage and greenhouse gases emission.



GRS CERTIFICATION

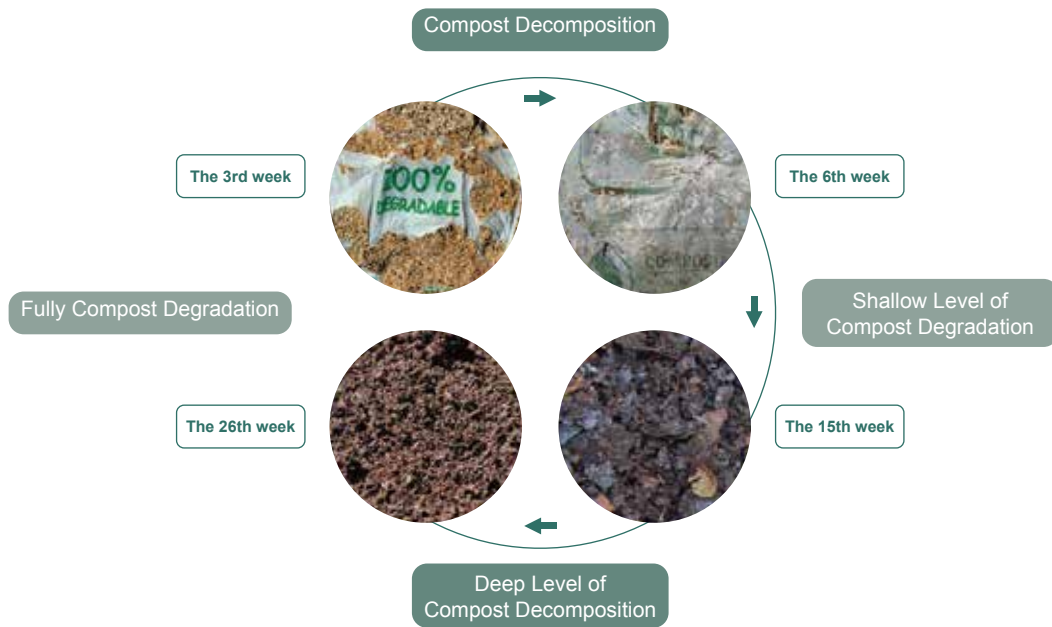


Fully Compostable Material

PBAT + PLA Material

Advantage:

Fully biodegradable material can be used for planting and return to the natural. Micro-organisms (such as bacteria or fungi) absorb the macro-molecules as nutrient and utilize them for their metabolic process. The end product completely decompose into carbon dioxide, water and inorganic compounds, then finally back to natural cycle.



International Compostable Certification obtained by Supreme

Degradable Compost Standard No.	Standard Name	License No.	Authorized Logo
EN13432	Europe Industrial Composting Standard	S0988	
EN13432	Europe Industrial Composting Standard	7P2219	
NF T51-800	France Household Composting Standard	9P0018	
AS5810	Australia Household Composting Standard	ABAP 20037	
AS4736	Australia Industrial Composting Standard	ABAP 10110	

Bio-based Material

Green PE (produced by Braskem) is made of Ethanol from sugarcane which is renewable, different with normal plastic from petrochemical raw materials. It could help to reduce the emission of greenhouse gases and preserve the environment.

Advantage:

Absorb Carbon Dioxide by planting sugarcane
1kg of Green PE could reduce 3kg of CO2 emission so that could mitigate the greenhouse effect.



Carbon Emission Comparison	Normal PE from Petrochemical materials	Green PE
Resin Production Stage	1.47kg	1.35kg
Product Burning Stage	3.10kg	0kg (#1)
Total	4.57kg	1.35kg

Remarks: (#1) Planting of sugarcane could absorb CO2 that will offset the CO2 generated from burning, that is achieved Carbon Neutralization.

Sugarcane could absorb CO2.

Green PE help reducing greenhouse gases and it is 100% recyclable.



Authorized Logo could show when packaging product contain specific level of Green PE

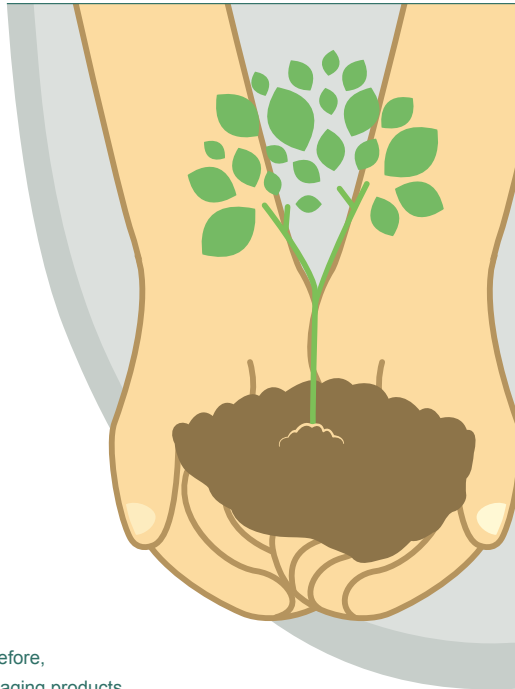


含量达到12%
Content 12%
12%含有



含量达到60%
Content 60%
60%含有

Anaerobic Bio-degradable Material



Traditional oxo-biodegradable additives have been banned by the EU since 2021 and Hong Kong government also passed Product Eco-responsibility Amendment Bill 2023 on 22/APR, 2024 to ban this type of plastic products manufactured, distributed and used in Hong Kong. Therefore, currently using the Traditionally oxo-biodegradable packaging products must be changed to a new additive.

ECO degradable additives can accelerate the decomposition of plastics. Comply with ASTM D5511 and Hong Kong laws, Plastic will biodegrade in 1-5 years without oxygen, which suitable for landfill and will not produce micro-plastics



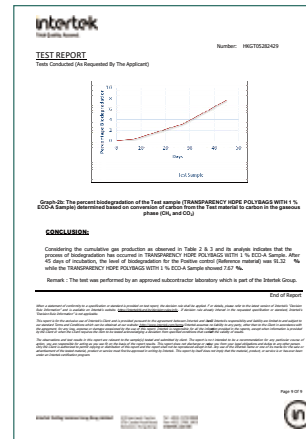
Safe and Free from Residual contamination

Complies with FDA and EU food safety testing
Plastic decomposes into only natural organic matter, water, carbon dioxide and methane



Recyclable and long shelf life

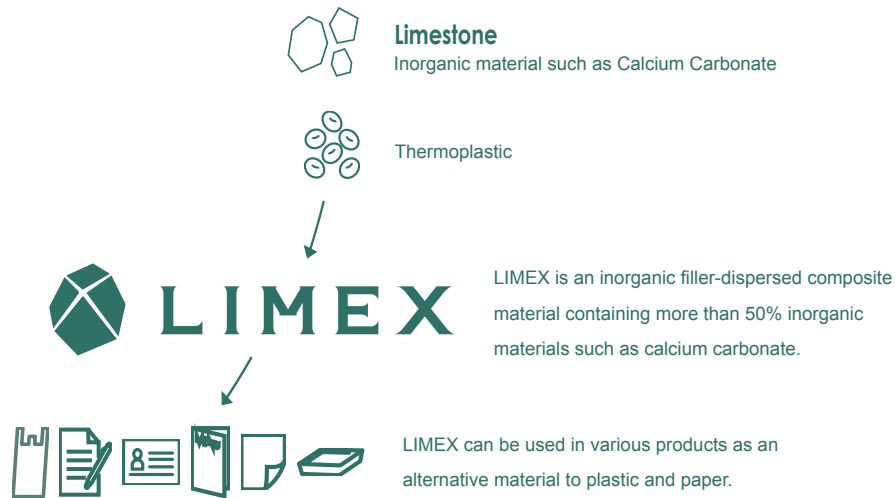
ECO retains the strength and properties of the plastic and can be recycled



Plastic/Paper Alternative Material

LIMEX Business

LIMEX contains 50% or more inorganic material such as calcium carbonate, reduces plastic and greenhouse gas emissions compared to petroleum-based plastics.



Global Presence

World-class recognition

Registered in "STePP" the Sustainable Technology Presentation Platform by UNIDO

Introduced at COP as a member of the Japanese government delegation

Member of World Economic Forum Unicorn Community
Participation in the Davos Forum

Participated at the G20 Innovation Exhibition

Introduced at G7 as a member of STePP

LIMEX is a registered trademark of TBM Co., Ltd.

01

Preservation of water and forest

Reduction of petroleum-derived plastics

02

Reduce CO2 and other greenhouse gas emissions throughout the product life cycle

03

Capable of producing materials and products with existing facilities

28

Supreme Synthetic Paper

Low carbon, Eco-Friendly and recyclable Synthetic Paper

"Supreme Synthetic Paper" is using polypropylene resin (known as PP) as the based material and adding inorganic natural minerals as the supplement material. Through our special technique and skill, it has particular property and paper appearance which become a composited high-tech material.

Properties of "Supreme Synthetic Paper":

Material Properties: Waterproof, Tear resistant, Grease resistant and Chemical solvents resistant.

Printing performance: Able to reach 42 Dyne which can use in printing plate and rotary press. Suitable for UV ink, Fast-drying ink, foil stamping and silk screen.

Synthetic paper provide a stability same as matt-coated printing paper and normal plastic film. It has the properties of foldable (eg. for map and instructions guide) and resistance of moisture, mildew friction and tear. It is suitable for a wide range of applications, improve product quality and grade.

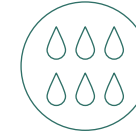
Although synthetic paper appearance is matt-coated, it does not really contain wood/pulp as the raw material, so without actually cutting trees and using strong acids to bleach, prevent the damage and pollution to water and land recources.

By passing REACH, ROHS and heavy metal tests, it is proved that synthetic paper is completely non-toxic, eco-friendly and 100% recyclable. Even put synthetic paper to waste incineration treatment, no toxic gases will be emitted, so it is a truly high-tech material.

Advantages of "Supreme Synthetic Paper"



Multi-purpose of Printing
Silk screen, UV Offset printing and Foil Stamping etc.



High Protection
Waterproof and Moisture-proof



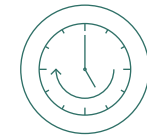
Eco-Friendly
100% recyclable and reusable



High Properties
High Tear resistance



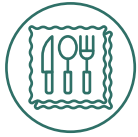
Food Safety
Non-toxic and suitable to food contact



Good Usage
Durable and Long storage time



Application



01

Placemat: with the properties of waterproof, tear resistance and exquisite printing, it could enhance your design and product to become more high-end and personal.
Suggested thickness: 0.15~0.25mm



02

Scanner and Printing: use as a shading cover, with the high shade density and opacity properties, it is widely used by international and domestic scanner and printer manufacturers.
Suggested thickness: 0.25~1.0 mm



03

Clock and Dial surface: with excellent masking and printing performance, it is suitable for making the clock surface and the best choice to lower the production cost.
Suggested thickness: 0.2~0.35mm



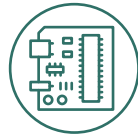
04

Map and Promotional catalogue: with foldable, tear resistance, waterproof and high printing quality properties, it is a great favorite for our customers.
Suggested thickness: 0.15~0.2mm



05

Business name card: with waterproof, tear resistance and excellent printing, it could produce as a high-end name card to enhance your company image and strength.
Suggested thickness: 0.15~0.25mm



06

Protector and Separator of electronic circuit board: do not easy to release substances, do not react with metal, simple to cut into pieces without sharpening edge, so could easily customize as different size for different circuit board.
Suggested thickness: 0.2~0.5mm



07

Hangtag: could be cut into specified size, able to print as plate and rotary press, so have a wide assembling use in postal, metal and cotton tag or feed label.
Suggested thickness: 0.14~0.17mm



08

Packaging of Stationary and Paper: could be customized in the use of any colors, so it could apply on different packaging items
Suggested thickness: 0.14~0.4mm



09

TPU Film and Wet Tissue cover: with matte surface, bright effect and also tear resistance, it is suitable for customer to process in these items
Suggested thickness: 0.14~0.4mm



10

Label: commonly used in labels, tags and other high-end printing mark.
Suggested thickness: 0.20~0.50mm



11

Card: with excellent stiffness, easy printing, good processing performance and without sharpening edge, so widely used in service tags, IC cards and medical cards.
Suggested thickness: 0.14~0.60mm



12

Mask: easy to print, waterproof and tear resistance to enhance the durable of the mask, so suitable to use at parties or annual balls.
Suggested thickness: 0.2~0.4mm

PACKAGING DISPLAY









Certificate Partner





Showroom



Company Function



HK Office



Company Exhibition



Company Gathering



Customer Visit





Headquarter:
Unit E & F, 14/F Block 2, Vigor
Industrial Building, 49-53 Ta Chuen
Ping Street, Kwai Chung, N.T. H.K

Tel:
852-24284428

Factory:
No. 13, Juzi Road, Yangqiao,
Boluo, Huizhou, Guangdong,
China

Tel:
752-6306220



超然製品廠有限公司
Supreme
Your Packaging Partner

没有环保，就没有新材料包装
Without Environmental Protection,
There will be no Advanced Materials Packaging.