日勝化工集團
EVERMORE CHEMICAL GROUP

Evermore Chemical

- Past, Present and the Future

Charles Huang (EMC GM)

2026.09.01



EMC Profile

日勝化工集團
EVERMORE CHEMICAL GROUP

- 6 subsidiary company: 5 production，2 Trading company.
- CommonWealth Megazine ranking year 2025 Taiwan 2,000 production company:
- Sales 2.30 Billion NTD，ranking 946
- Sales growth -12.96 %，ranking 1169
- Profit 3.39 %，ranking 754
- Corporate Governance Evaluation Ranking 21-35%
- Products: PU，acrylic，crosslinking agent，coating additives…

EMC Group

日勝化工集團
EVERMORE CHEMICAL GROUP

	日勝化工股份有限公司 EVERMORE CHEMICAL INDSUTRY CO., LTD.	台灣 1989	PU、架橋劑、 UV 單體/寡聚物
BRT	東莞寶建高分子材料有限公司 Pou Chien Chemical CO., LTD.	中國 2005	PU
	肯美特材料科技股份有限公司 CHEM-MAT TECHNOLOGIES CO., LTD.	台灣 2007	UV 硬化塗料
	U-BEST VIET NAM POLYMER INDUSTRY CO., LTD Công ty TNHH U-Best Việt Nam Polymer Industry	越南 2020	PU、架橋劑
	VIET NAM SUN YAD TECHNOLOGY LIMITED. Công ty trách nhiệm hữu hạn SunYad Việt Nam Technology	越南 2020	PU
	上海 博帝貿易有限公司 TOPCO(SHANGHAI) CO., LTD.	中國 2005	塗料添加劑/貿易
	克哲國際貿易有限公司 GIANT STAR TRADING CO., LTD.	台灣 2009	塗料添加劑/貿易
	利哲興(上海)貿易有限公司 LEADERSHIP (SHANGHAI) CO., LTD.	中國 2017	塗料添加劑/貿易
Topwell	TOP WELL ELASTIC TECHNOLOGY CO.,LTD.	泰國 2017	PU/貿易

Location in Asia

日勝化工集團
EVERMORE CHEMICAL GROUP

TOPCO(2005)
Shanghai, China





HQ：**EVERMORE**(1989)
Nantou, Taiwan
DaYuan, Taiwan

POU CHIEN (1999)
Dong Guan, China





CHEM-MAT(2007)
Nantou, Taiwan

TOPWELL（2017）
Bangkok, Thailand



U-BEST VIET NAM (2020)
Dong Nai, Vietnam





Financial Highlights

日勝化工集團 EVERMORE CHEMICAL GROUP

Consolidated statement of comprehensive income：KNT$

Item	Jan. to Jun. 2026	Jan. to Jun. 2025	2025
Operating revenue	1,263,331	1,183,914	2,303,489
Operating cost	(1,022,334)	(979,985)	(1,885,834)
Gross profit	240,997	203,929	417,655
Gross margin	19.08%	17.22%	18.13%
Operating expenses	(178,927)	(174,327)	(365,439)
Operating income	62,070	29,602	52,216
Non-operating income (expenses)	(8,078)	(24,629)	47,716
Profit before tax	53,992	4,973	99,932
Profit	38,861	271	77,624
Basic EPS(NTD$)	0.39	-	0.78

Financial Highlights

日勝化工集團 EVERMORE CHEMICAL GROUP

Consolidated statement of comprehensive income : KNT$

Item	Jan. to Jun. 2026	Jan. to Jun. 2025	Increase (Decrease)
Operating revenue	1,263,331	1,183,914	79,417
Operating cost	(1,022,334)	(979,985)	42,349
Gross profit	240,997	203,929	37,068
Gross margin	19.08%	17.22%	
Operating expenses	(178,927)	(174,327)	4,600
Operating income	62,070	29,602	32,468
Non-operating income (expenses)	(8,078)	(24,629)	16,551
Profit before tax	53,992	4,973	49,019
Profit	38,861	271	38,590

Financial Highlights

日勝化工集團 EVERMORE CHEMICAL GROUP

Consolidated Balance Sheet ：

KNT$

Item	2026.06.30	2025.12.31	2025.06.30
Current assets	1,693,708	1,517,715	1,544,302
Non-current assets	1,406,662	1,437,660	1,609,560
Total assets	3,100,370	2,955,375	3,153,862
Current liabilities	1,401,003	1,240,848	1,663,366
Non-current liabilities	157,829	162,131	74,669
Total equity	1,541,538	1,552,396	1,415,827
Total liabilities and equity	3,100,370	2,955,375	3,153,862

Financial Highlights

日勝化工集團 EVERMORE CHEMICAL GROUP

Consolidated Balance Sheet ：

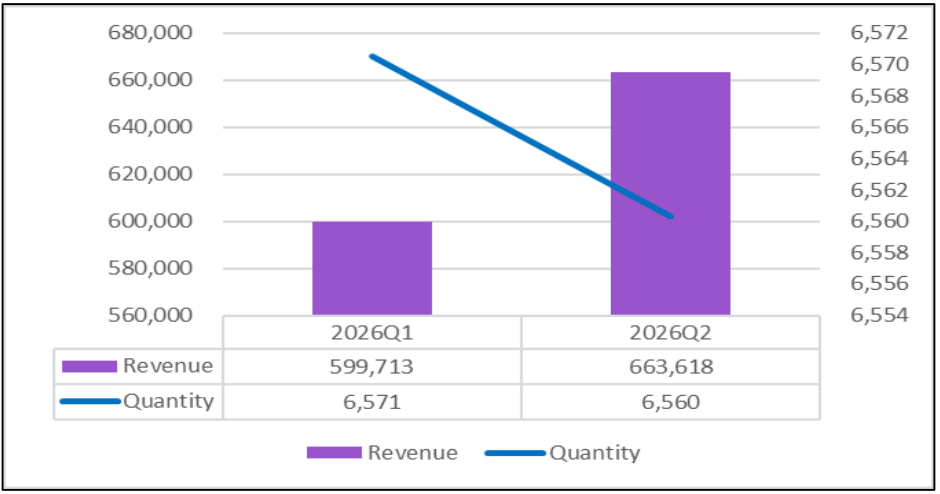
KNT$

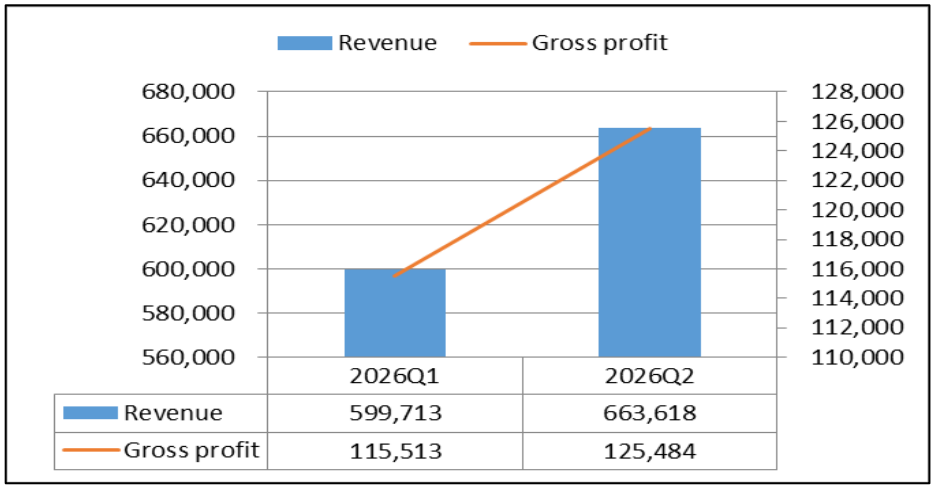
Item	2026.06.30	2025.12.31	Increase (Decrease)
Current assets	1,693,708	1,517,715	175,993
Non-current assets	1,406,662	1,437,660	(30,998)
Total assets	3,100,370	2,955,375	144,995
Current liabilities	1,401,003	1,240,848	160,155
Non-current liabilities	157,829	162,131	(4,302)
Total equity	1,541,538	1,552,396	(10,858)
Total liabilities and equity	3,100,370	2,955,375	144,995

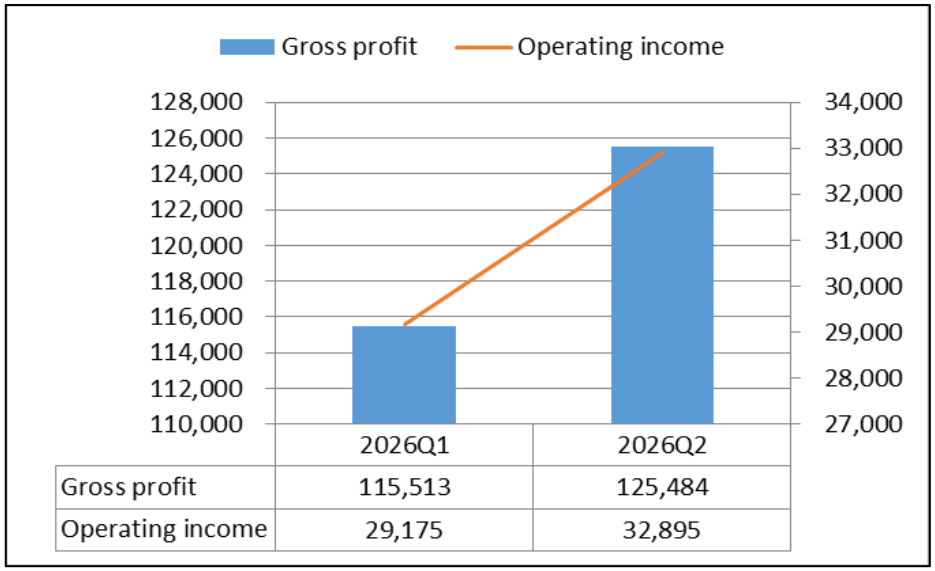
2026 Q1、Q2 (EMC Group)

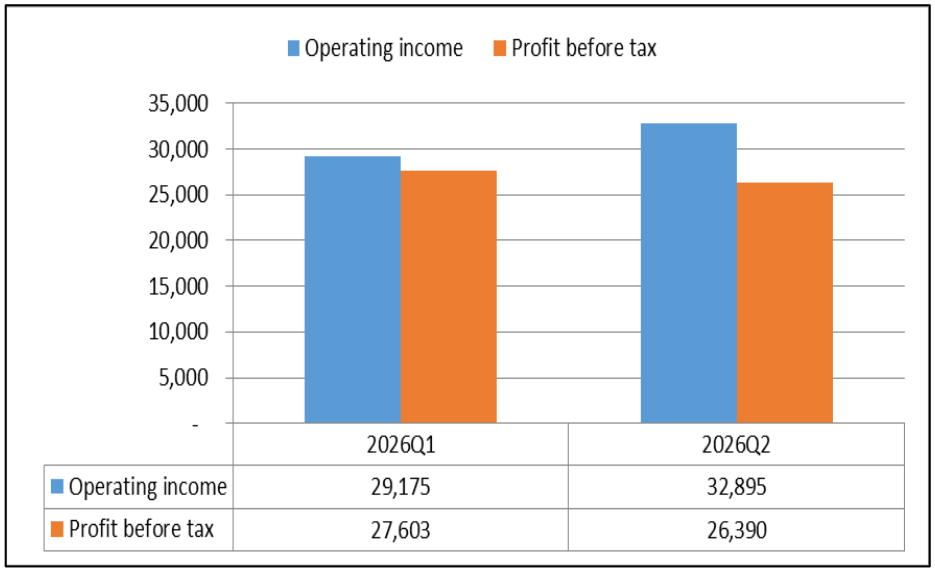
EVERMORE CHEMICAL GROUP
POU CHIEN CHEMICAL

Q1 : Jan. to Mar. 、Q2 : Apr. to Jun.





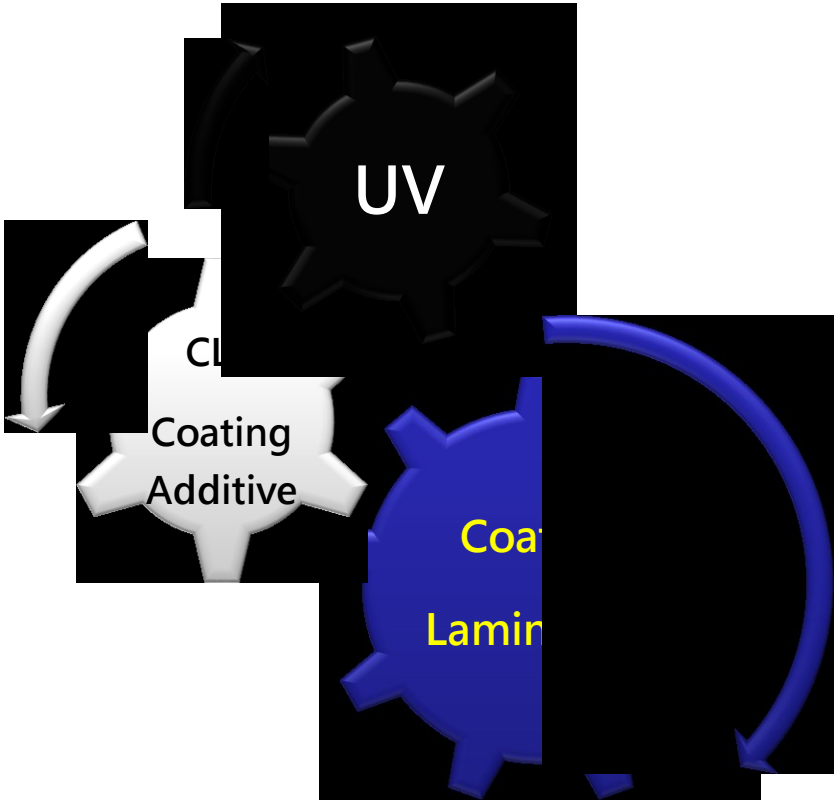




Q2兌換損失較Q1增加

Core Business Strategy

日勝化工集團
EVERMORE CHEMICAL GROUP

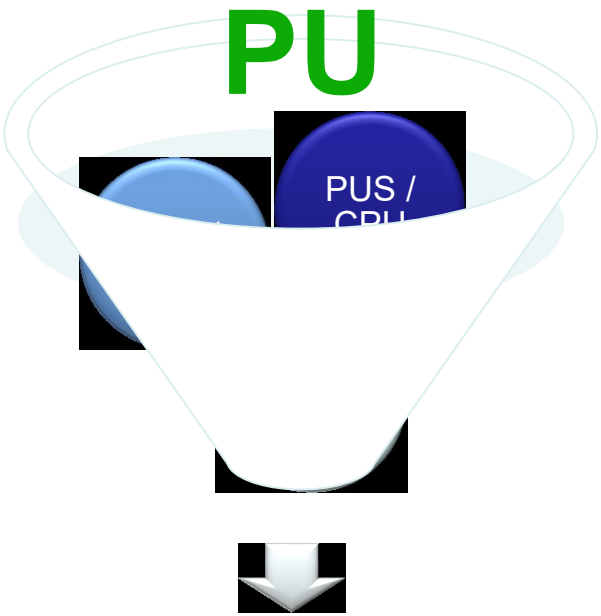


UV & CLA

(Coating、Special Chemicals & CLA)

Business : Coating、Adhesive...

Products : CLA、UV、Oligomer、Monomer...**(EMC、CMT、TOPCO)**



SLS

(Sport & Life Style)

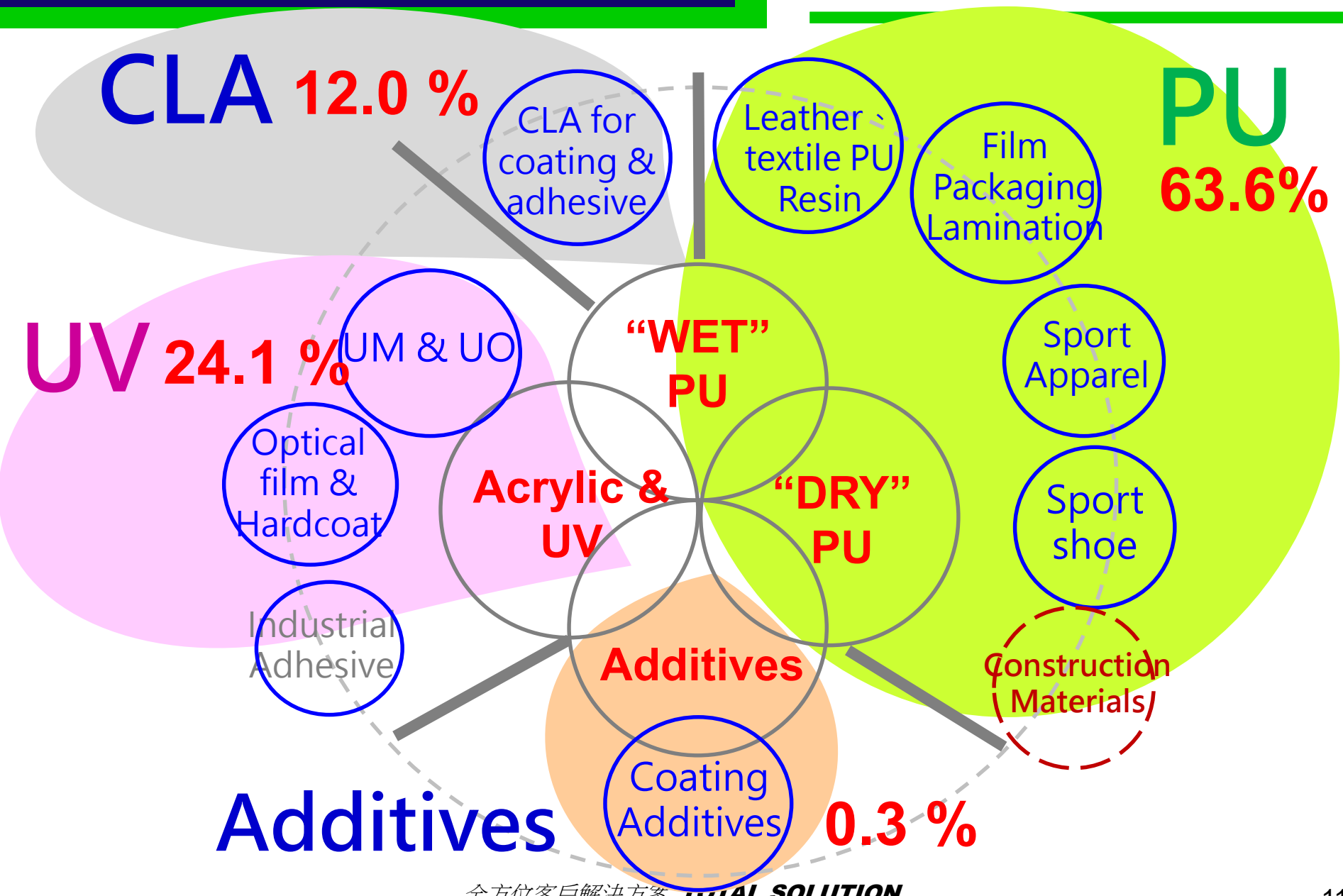
Customer : Brands、T1、T2、post treatment

Business : Shoes、Apparel、Equipment

Products : **PU**...**(EMC、BRT)**

2026 1-6 Sales Revenue 1.26 Billion NTD

日勝化工集團
EVERMORE CHEMICAL GROUP



Core Products/Application

日勝化工集團
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- Polyester Polyol
- PU Resin
- PU System
- TPU
- Crosslinking Agent
- UV Materials
- Jolypate
- Chemical Recycle

Applied on

- Synthetic Leather
- Split Leather
- Fabric & Textile
- Coating & Ink
- Footwear
- Optical Film
- Flexible Packaging
- Construction
- Other Industry

PU Resin

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Synthetic Leather，Textile Coating/Lamination，Ink Carrier

- Solvent Based
- Water Based
- Reactive Hot Melt
- 2-K Non-solvent







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PU System

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Microcellular PU Foam for Footwear Soling Materials

- Outsole System
- Midsole System
- Insole System







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Footwear Application

- Air Force 1
- Air Jordan 3
- Air Jordan 4
- Air Jordan 6
- Air Jordan 9
- Air Jordan Legacy













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Balenciaga Triple S

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TPU

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- Injection Grade
- Extrusion Grade
- Calendar Grade
- Film Grades (high & low temp.)
- Special Grade (super abrasion TPU)

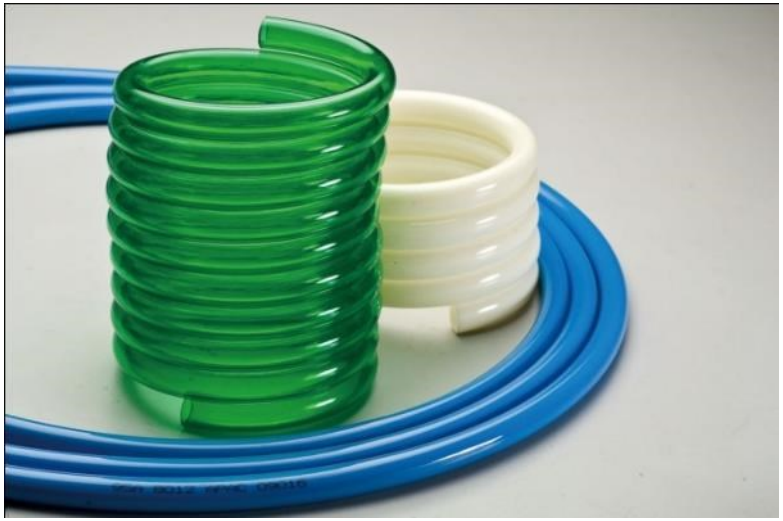








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Crosslinking Agent

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Polyisocyanate Series

- Aromatic Type (For Wood Coating)
  - Trimer
  - Adduct (low free monomer)
- Aliphatic Type (For Textile、Leather Coating)
  - Trimer/Biuret
  - Adduct (For Flexible Food Packaging Adhesive)







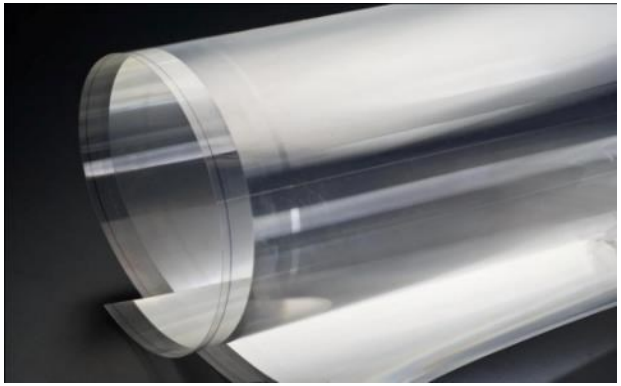
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UV Materials

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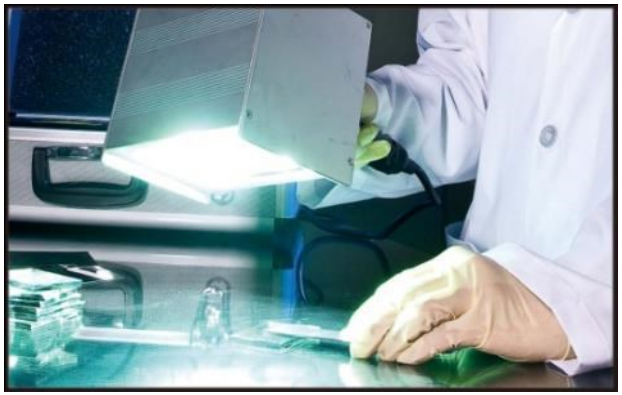
UV Monomers 單體

- Monofunctional monomer
- Difunctional monomer
- Multifunctional monomer



UV Oligomers 寡聚物

- Urethane Acrylic Oligomer
- Ester Acrylic Oligomer



UV Overprint Varnish 紙上光





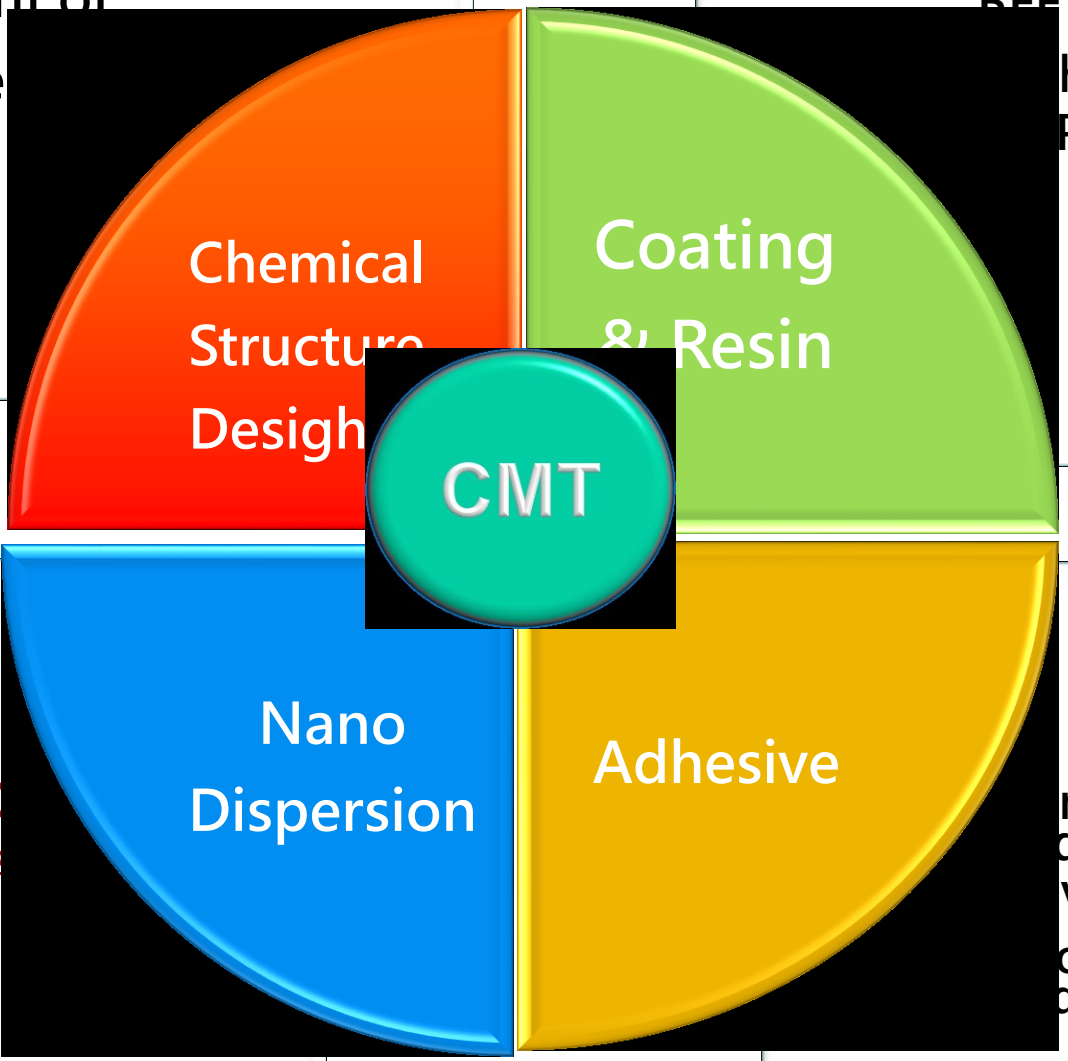
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UV Core Products Technology

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- Development of
  Key Interme

- UV coating for
  hard Coat
  Printing



- Alumina (Al_2O
- Zirconia (ZrO_2

naerobic
dhesive
V adhesive
onductive
dhesive

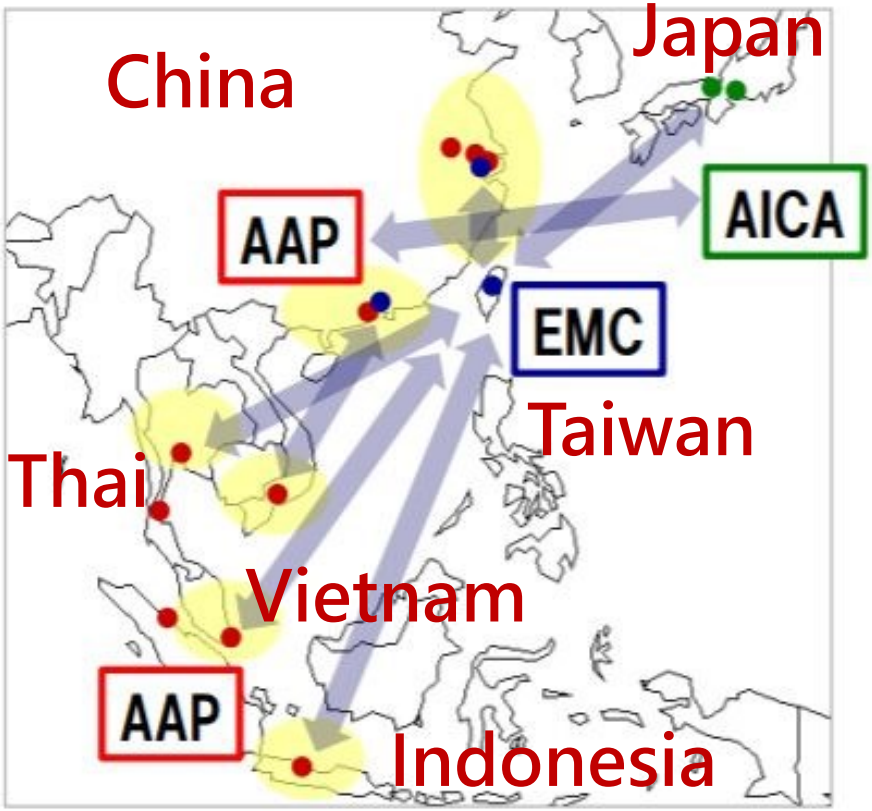
EMC Sales Region Distribution

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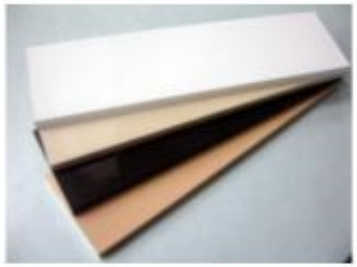
化成品セグメント 方策(機能材料)

AICA

■エバモア社(EMC)・AAP各社・アイカ工業のシナジー創出



反応性ホットメルト(建材用)



UV硬化型樹脂

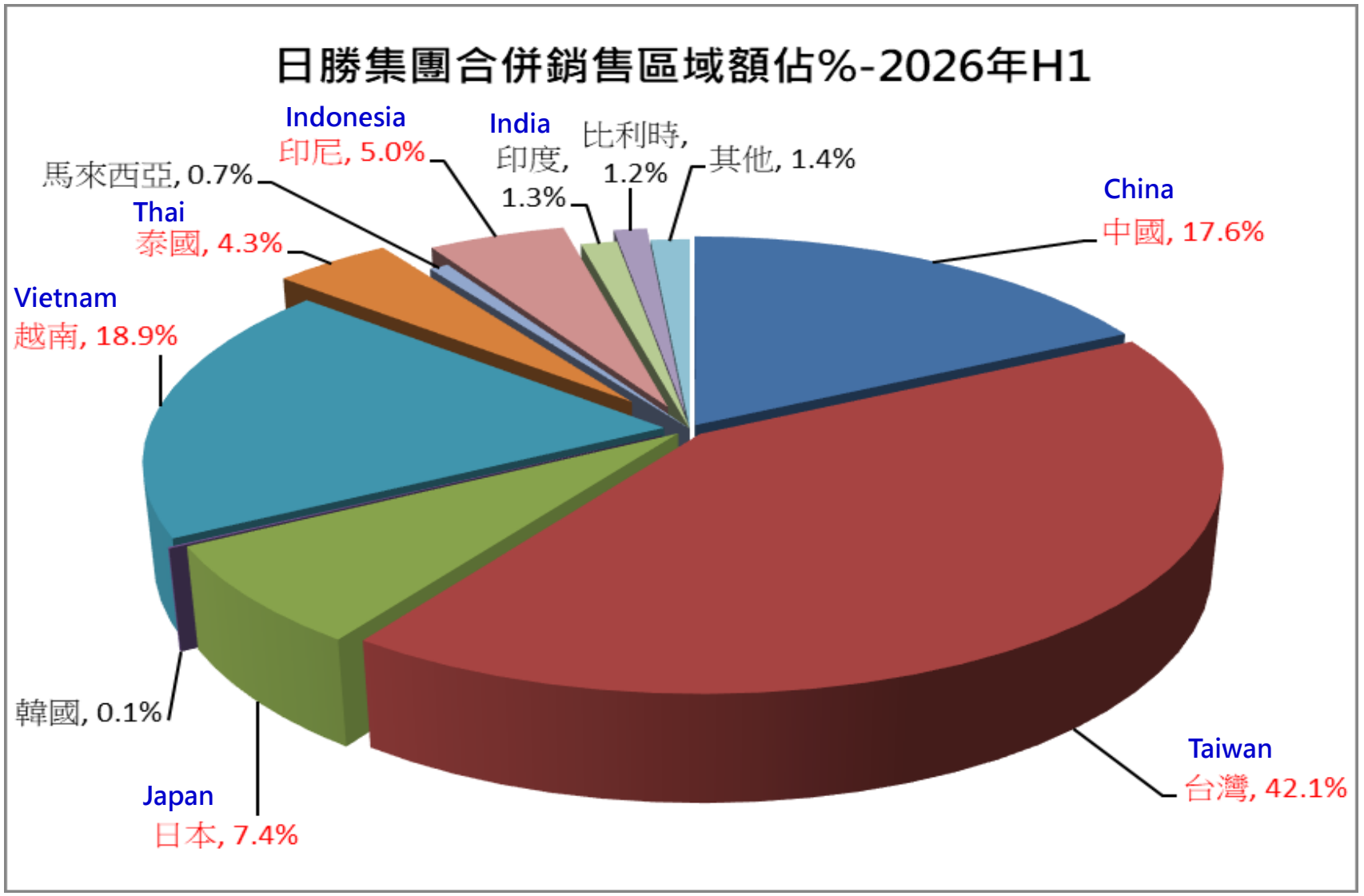


特種固化劑

海外展開　M&Aシナジーの創出

EMC Sales 2026 H1

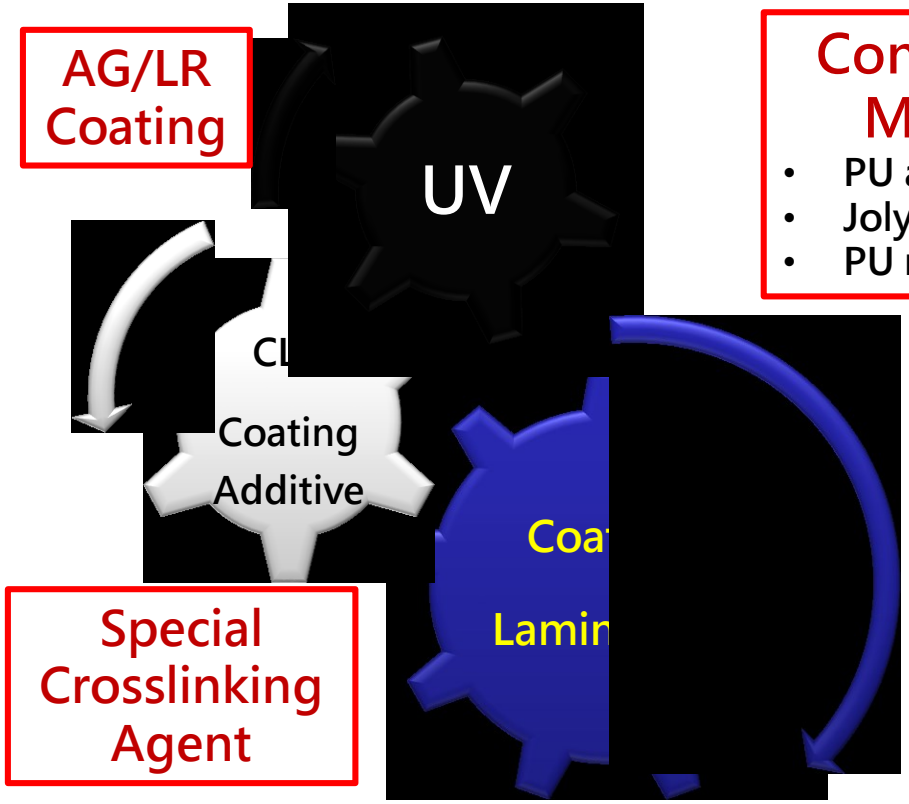
日勝化工集團
EVERMORE CHEMICAL GROUP



Core Business Strategy

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EVERMORE CHEMICAL GROUP

AG/LR Coating



Construction Materials

- PU adhesive
- Jolypate
- PU rigid foam

PU

TPU
Supercritical
Liquid Injection
Foam

Chemical Recycle

SLS

UV & CLA

(Coating、Special Chemicals & CLA)

Business : Coating、Adhesive...

Products : CLA、UV、Oligomer、Monomer...(EMC、CMT、TOPCO)

(Sport & Life Style)

Customer : Brands、T1、T2、post treatment

Business : Shoes、Apparel、Equipment

Products : **PU**...(EMC、BRT)

經濟部A+企業創新研發淬鍊計畫
前瞻技術研發計畫
決審會議

循環聚氨酯材料與高值應用加工技術

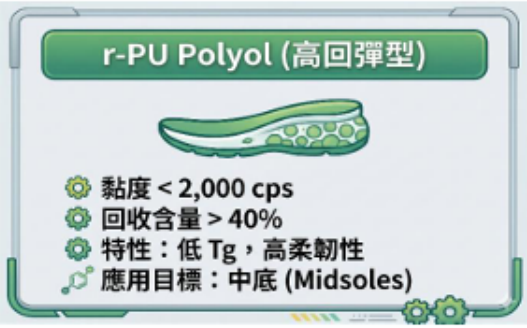
申 請 單 位 ：日勝化工股份有限公司 (主導公司)
寶成工業股份有限公司

報告人：黃長澤 總經理

回收料源轉化聚氨酯彈性體用之再生多元醇技術 (日勝)

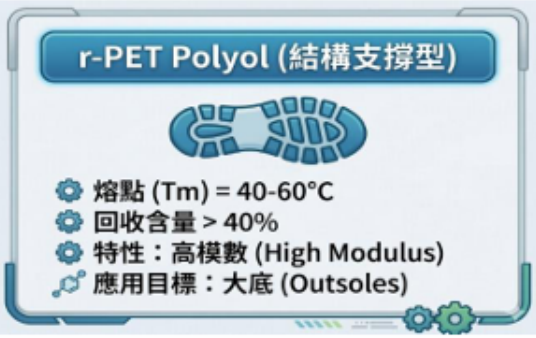
廢聚氨酯鞋材之再生r-PU多元醇：

- 低玻璃轉移溫度
- 高緩衝回彈性



廢聚酯之再生r-PET多元醇：

- 高模數、機械物性
- 高結晶
- 熔點40-60°C



選擇性解聚技術

- 反應製程設計：於聚酯多元醇進行斷鍵，保留PU原軟-硬段分子結構之彈性體特性

解聚內聚能調控技術

- 解聚配方與分子設計：透過解聚分子結構/相容性調控，達到機能TPU原料所需內聚能與物性

Chemical Recycle in PU sport shoesole material

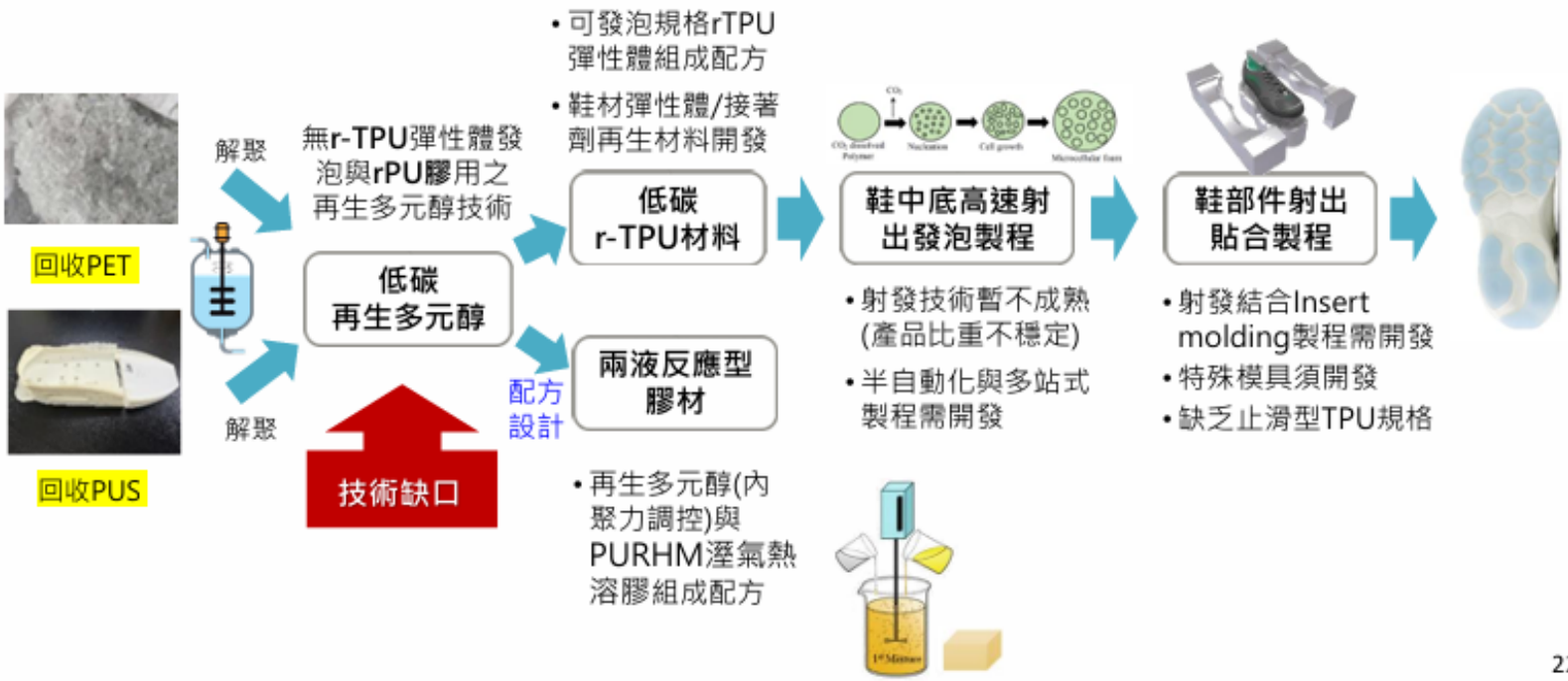
日勝化工集團 EVERMORE CHEMICAL GROUP

經 濟 部

本計畫開發目標與架構(一)

➢ 計劃目標說明

- 將投入國產再生料源之r-PU與r-TPU聚合/混煉技術開發，並透過輕量化加工技術(鞋履產品)開發與鞋底循環再製來評估其低碳潛力。內容包含(1) r-PET解聚與r-TPU共聚技術、(2) r-PU解聚與低碳PU膠技術、(3) 發泡級與高止滑r-TPU彈性體、(4) 高速半自動射出發泡製程(含模具)。
- 本案將加速低碳化鞋履產品與紡織接著產業發展，關鍵材料可擴展至不同應用領域，並盡早布局全球碳中和市場趨勢，與取得國際訂單。同時強化我國低碳材料與加工技術自主化。



Chemical Recycle in other PU application

日勝化工集團 EVERMORE CHEMICAL GROUP

經濟部 本案開發產品-低碳多元醇衍生低碳聚氨酯

- 以回收PET與回收PU透過化學設計與解聚製程開發，使再生多元醇特性符合與現有原料近似之特性。
- 結合兩種再生多元醇之特性，開發低碳聚氨酯產品，包括r-TPU彈性體與rPU熱熔膠。



回收PET
(市場品質穩定供應之料源)

低黏解聚技術

結晶調控



苯環結構
提供機械特性



硬-軟嵌段多元醇
提供柔韌性/高延伸性

選擇性解聚技術



回收PU
(回收/邊料粉碎)

配方組合

r-TPU彈性體: 鞋底材料、運動緩衝材、包裝薄膜...





TPU發泡鞋中底



TPU鞋大底

rPU熱熔膠: 鞋履產品、汽車零件、複合織物、木工家具、電子組



PU溶劑型膠



PURHM溼氣反應型熱熔膠

TPU Supercritical Foam

日勝化工集團 EVERMORE CHEMICAL GROUP

With the rise of global environmental awareness, TPU products are also becoming more energy-efficient and carbon-reducing process.The SCF technology of MuCell can be achieved weight reduction and energy conserving, so we call SCF technology is a green chemistry process, too. During the injection molding process, supercritical fluid (N2) acts as both a plasticizer and a foaming agent. SCF technology is effectively reducing specific gravity and achieving lightweighting.

Table 1. Differences between Foaming and MuCell

	Chemical foaming	MuCell
Mechanical strength	Unstable	Well
Foaming sizes	Difficult to control	Controllable
Foaming density	Controllable	Easy controllable
Scope of foaming agent	Limited by high temperature	Suitable for variety of materials
Foaming elements	Isocyanate & Water	Atmospheric gases（N_2）



Figure 2. Application of SCF examples

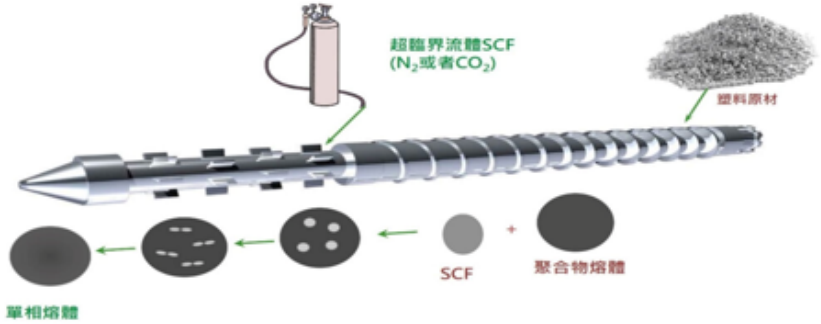


Figure 1. The principle of SCF machine

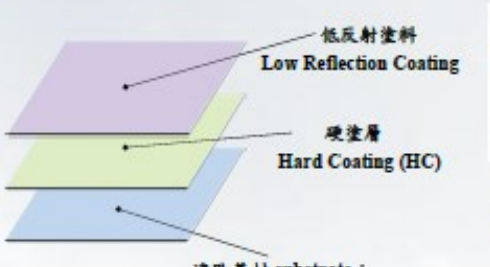
Table 2. SCF application products in EMC

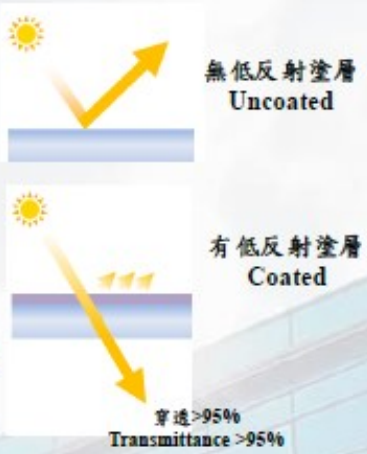
Test utem	Unit	Test Method	EMM-90A-D 3L240301	EMM-90A-R1 3L240301-1	EMM-90A-R2 3L240301-2	EMM-90A-C 3L240105	EMM-85A-C 3I230703	EMP-85A-D 3L230603
Density	(g/cm^3)	ASTM D297	≥0.18	≥0.18	≥0.17	≥0.20	≥0.16	≥0.24
Hardness	(asker C)	ASTM D2240	53~57	44~48	36~40	35~39	44~48	43~47
Ball rebound	(%)	ASTM D2632	≥40	≥45	≥50	≥40	≥55	≥50
Compression set	(%)	ASTM D395	≥60	≥70	≥70	≥70	≥60	≥55
Elongation	(%)	ASTM D412	≥400	≥450	≥500	≥450	≥400	≥450
Split Tear	(Kg/cm)	ASTM D3574	≥1.80	≥1.50	≥1.50	≥1.40	≥1.20	≥2.30

Low Reflection UV Coating

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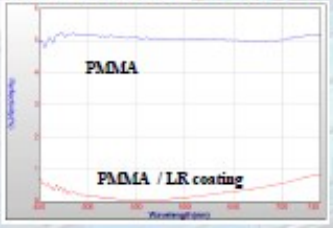
低反射塗料 Low reflection coating





塗料特性 Feature

可見光譜 (Visible light spectrum)

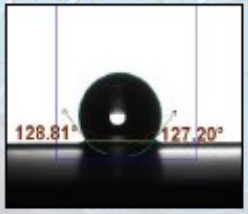




45度角反射 (45˚ reflection)



水接觸角 (water contact angle)



貴美特塗料有視覺上最佳的低反射效果。且具有良好疏水疏油特性。搭配5um硬塗層後具有良好耐磨性，且維持低反射率。
CMT's coating shows low-reflective effect , good hydrophobicity and oleophobicity. With 5um hard coating layer, it shows good wear resistance and low reflectivity.

應用場景 Applications


螢幕保護貼
Screen Protector


裝飾板材
Decorative Plates


顯示器模組
Display Module


太陽能面板
Solar Panel


光學鏡片
Optical Lenses


微影光刻
Photo-lithography

產品規格 Specification

產品名 Product name	Acu-Coat UV 7003D7	Acu-Coat UV7086LR	Acu-Coat UV7088AR
稀釋溶劑 Diluting Solvent	MEK	MEK/MIBK	MIBK
塗料固含量 Nonvolatile	60%	10%	10%
基膜 Base film	50um PET	50um PET	50um PET
平均反射率 Reflectivity, AVG	-	<1.5%	≤1%
耐擦傷性 Abrasion Resistance (SW#0000 area: 2x2cm)	1 Kg > 1000	1 kg>1500	1 kg>1000
動摩擦係數 Kinetic Friction Coefficient	-	<0.2	<0.2
水滴角 (°) Water Contact Angle (°	-	≥108	≥110

Green Materials Application

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Item	PU Materials Application
Ecology	-
Health	• Application: Coating、Sealant、Adhesive、Panel… • Solution: Water based、PUR Hotmelt、2-component
Recycle	-
Anti-sound	• Application: Window、Panel、Wall、Door、Sealant… • Solution: Foam Materials、Elastomer
Water Penetration	-
Energy Saving	• Application: Roof、Wall • Solution: Foam Materials、Coating

參考資料: 日勝化工；財團法人台灣建築中心

Construction Application(Adhesive)

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POU CHIEN CHEMICAL

Structural Adhesive:
SC-7741

Wall Painting:
JOLYPATE

Funiture:
Flat Lamination



Wall Paper:
Multi-layer Laminationj

Furniture:
Profile Wrapping

Wood coation:
SC-75LT

Floor:
WPC/PVCLamination

Wood decoration:
SC-7701/ SC-7795

Construction Application (Coating)

EVERMORE CHEMICAL GROUP
POU CHIEN CHEMICAL

AICA

板塗技藝

日本第一 • JAPAN NO.1

JOLYPATE ジョリパット



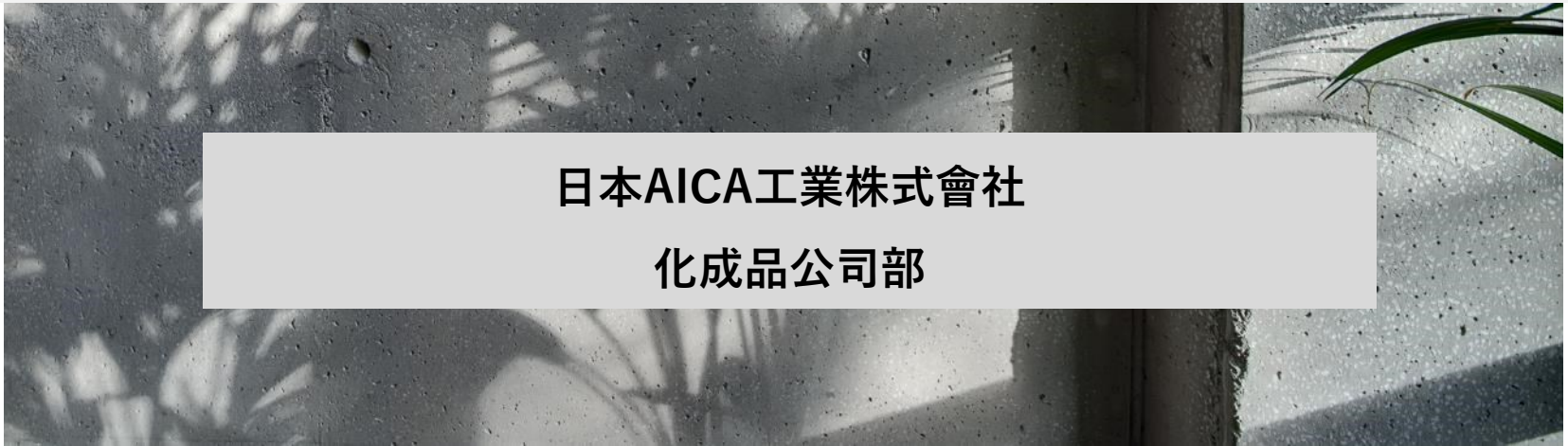
全方位客戶解決方案 ***TOTAL SOLUTION***



建 築 補 修 材

JOLY SEAL

ジョリシール



日本AICA工業株式會社

化成品公司部

Sustainability

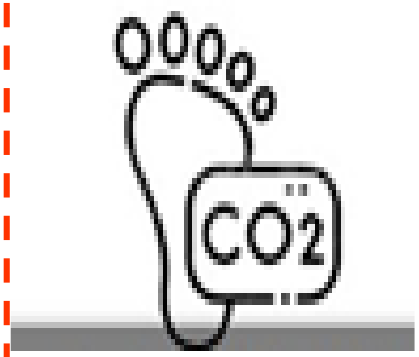
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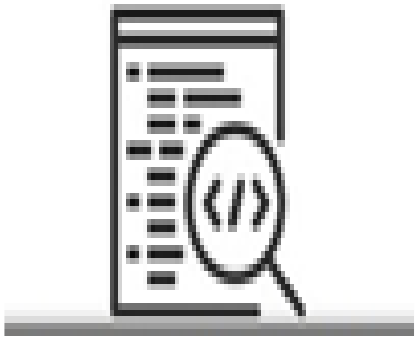
Carbon reduction path planning

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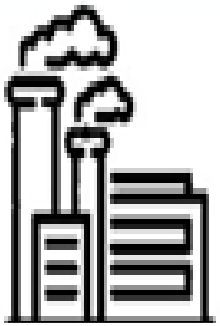
Carbon management capability











Organizational inspection:
- Corporate Carbon Reduction Foundation
- Specific Industry Promotion
- Compatible with CBAM

Product carbon footprint:
- Key consumer products
- Footprint calculation extends to supply chain
- Invest human resources /High costs

Reduction goals and plans:
- Positive attitude in carbon reduction
- Import human/ technical/ funding and other resources

Exchange and transaction: Complete relevant systems and market mechanisms

Carbon Interrogation → Carbon Reduction → Carbon Neutral

Time

Carbon Footprint Verification/ Standard

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Carbon Verification		Carbon Footprint
ISO 14064-1	*ISO International Standard*	ISO 14067
Greenhouse Gases-Specifications for Organizational Level Greenhouse Gas Emissions and Removal Quantification and Reporting Guidelines.		Greenhouse Gas-Product Carbon Footprint Quantification Requirements and Guidelines.
	Executive Main Points	
1. Calculate the carbon emissions of the whole plant. 2. Be necessary to obtain the company's own data (such as electricity bills). 3. Acquisition of carbon emission coefficient (Environmental Protection Agency announcement). 4. The ability to calculate independently through simple tools.		1. Calculate carbon emissions of product life cycle. 2. Need to obtain product upstream and downstream supply chain data. 3. Use the database (paid) to obtain the coefficient. 4. The calculation is complicated, and there are no simple tools available.
	Execution Objects	
1. According to the Environmental Protection Agency's announcement, the first batch of emission sources that should be checked and registered for greenhouse gas emissions (annual emissions greater than 25,000 tons, 288 registered in 2010.); according to the temperature control law, carbon inventory must be carried out and the emission information must be registered on the platform of the Environmental Protection Agency. 2. For those who are not regulated, it is voluntary.		There is no regulatory requirement, and it is voluntary.



ISCC PLUS Certification (Undergoing)

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ISCC PLUS material sustainability categories
ISCC PLUS可持續物料分類

ISCC certifies all of kinds raw material* ISCC 可認證的原材料分類



資料來源：網路，科思創

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樸 實 剛 毅

挑戰と創造