



Company Profile

New Technology Lightweight

Lightweight Performance



>>> Brief Status



- Founded Time: 1987
- President: Yong Fu, Zheng
- Founder : Chia Hsiang, Tsai
- General Manager: Mao-Chiang, Chang
- Capital: NTD 1.73 Billion
- Employee Amount: 8,000

- Main Product Range:
 - (1) Design & Manufacture of mechanical parts for consuming products.
 - (2) Design & Manufacture precision molds.
 - (3) Stamping/Plastic injection/Surface Treatment.
 - (4) Automotive parts Stamping/ Injection with Sub-assembly

>>> Milestone

Growth:

- . Set Up factory in Mexico
- . Set Up New factory in Malaysia
- . listed in TW stock market
- . New Business for automotive parts

Developing:

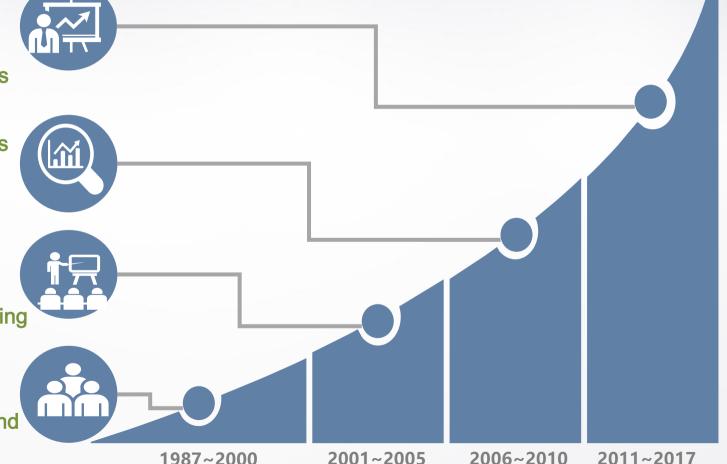
- . Started Business for injection parts
- . Phase in Gamer ME parts
- . HH invested ESON
- . Server order from U.S customer

Standing:

- . Set up Kunshan factory
- . New Business for automotive tooling

Founding:

- . Founded tooling Plant in Taipei
- . New Business with Japanese Brand





Advantages of PC v.s. Glass

PC V.S. GLASS:

Density: 1.2 V.S 2.5

Reduce weight 30%~50%

Lightweight 轻量化

Safety 安全性 PC V.S. GLASS:
Good impact resistance
Protect passengers

PC V.S. GLASS:

Make elegant line come true Integrate with other parts Function integration Simplify product

Design Freedom 设计自由 Additional Advantages 附加优势 PC V.S. GLASS:
Hot insulation
Sound insulation
Misting slowly
Water drops

















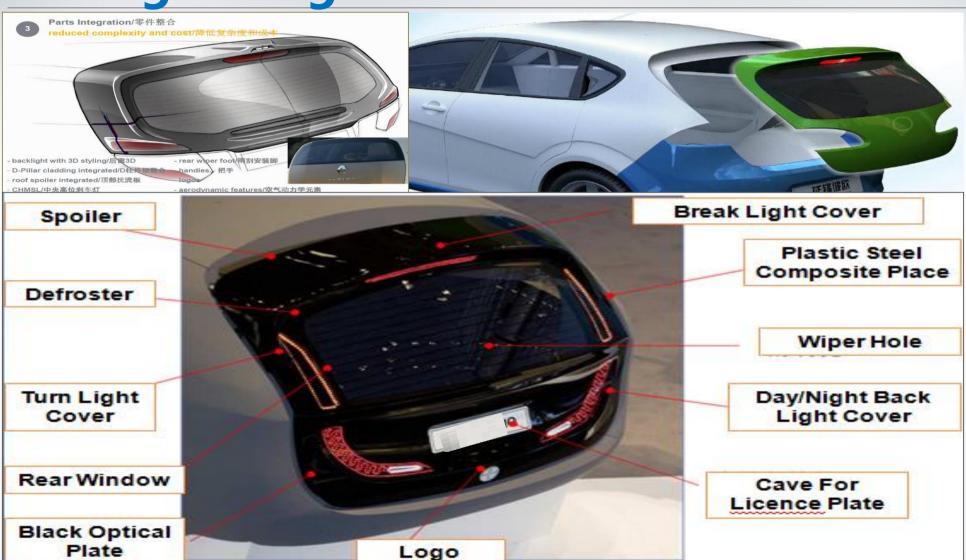












Award E-Mark and Chinese Certificates

TÜV Rheinland Luxemburg GmbH



ORDER FOR:

Reservation of approval number(s) from the Société Nationale de Certification and Homologations

1 UV Rheinland Luxemburg GmbH applies for approval number(s) for:						
Manufacturer	Type	Approval number	TR no.			
Kunshan Eson Precision Engineering Co., Ltd.	Rigid Plastic Panes (V- VIII/BM 4mm)	E13*43R00*43R01*xxxx*00 9787	87-R43-0326/17- 00			

(*2 for combined lamps separated approval num

It is certified, that the above mentioned processes are tested positively and that the corresponding reports for approval will be in Luxembourg within 6 weeks

A type-referred confirmation from the manufacturer about the appropriate use of the reserved approval number(s):

- [X] is there in Luxembourg is at TÜV Rheinland India

The authorization of the manufacturer's representative and a copy of the enrollment in the trade register.

- is attached
- is at TÜV Rheinland India

The report of the factory inspection or ISO 9001 certificate

is attached [X] is there in Luxembourg

单项判定

21:

is at TÜV Rheinland India

(2) Y-20, 3%

Test Report No. 87-R43-0326/17-00

Manufacturer : Kunshan Eson Precision Engineering Co., Ltd. Vehicle Type / Type : Rigid Plastic Panes (V-VIII/B/M 4mm)

100mm × 100mm × 4mm



Make

Rigid Plastic Panes (V-VIII/B/M 4mm) Name and address of the Kunshan Eson Precision Engineering Co., Ltd. No. 88 Yuanfeng Road, Yushan Town, KSND, Kunshan City, Jiangsu

Province, People's Republic of China

仪器设备:

The above mentioned type is in compliance with the ECE-Regulation indicated in the following test report.

Test report no.: 87-R43-0326/17-00 by Heng Huang

报告编号:WT2016E09A00866-1

Additional communication concerning the ECE approval

Place: Luxembourg

Date: March 10, 2017

TÜV RHEINLAND LUXBMBURG GMBH

Dipl.-Ing. Holger Hütz

报告编号:	WT2016E09A00866-2		第2页共3	
样,比别,格:	1 30mm × 40mm × 4mm	仪器设备:	TJ-91 0-SUN 成为耐气铁液验机 Q-01 SGT-A 玻璃进射比智能测定仪	
环境温度:	20°C	环境相对混度:	49%RH	
检验项目	模拟气候老化试验(透射比及外观检查)			
标准要求	BCE R 43: 2012委录: (1) X × 100% > 95%; (2) Y > 76%; (3) 光气液成变速。 現有: 52: X为状龄前的可见光滤 策级现仅都办		可见光镜舒比; Y > 76%的类本仅返用于	
	(a)	试验结果		
祥品细分号				
43	(1) $\frac{\gamma}{X}$ × 100% = 100% (2) γ =20.4% (3) ;	试验后样品无气泡 1	《其它可见分解交色、乳白龟梨现象。	
44	$(1) - \frac{Y}{X} \times 100\% = 99.5\%$ (2) Y-20.7% (3) is		炎其它可免分解交色、乳白龟裂现象。	
	(1) Y × 100% = 99.5%			

(3) 试验后样品无气泡或其它可见分解

物合

适用于驾驶员非视区部位

国家安全玻璃及石英玻璃质量监督检验中心

环境温度:	22°C	环境相对湿度:	52%RH		
检验项目		抗磨性			
标准要求	ECB 只 43:2012要求: 对M类材料,外表面图磨机而引起的客度应<10%,内表面图磨耗而引起的客度反 < 4%.				
		试验结果			
本半、 品细分号	磨前雾度/%	磨后茶度/×	前后筹度差值/%		
1	1.16	9.13	7.97		
2	1.22	6. 54	5. 32		
3	1.20	6. 47	5. 27		
4	1, 27	3. 75	2. 48		
5	1.11	3, 95	2. 84		
6	1.13	3. 90	2,27		
- 页判定	符合 (M类)				
→ 注	样品细分号1~3的磨耗	转数为500转,磨外表面; 转数为100转,磨内表面。	检验专用章		

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0-08 TABER5151 标准磨耗权

0-07 SGH-2 高精度雾度测定仪

Electrochromic PC SunroofBefore After







Solar energy PC Sunroof



Touch Window



>>> Metal Parts Lightweight

Traditional Structure

Advantages:

Weight decrease: 20%~35%

Cost Down: 10%~25%



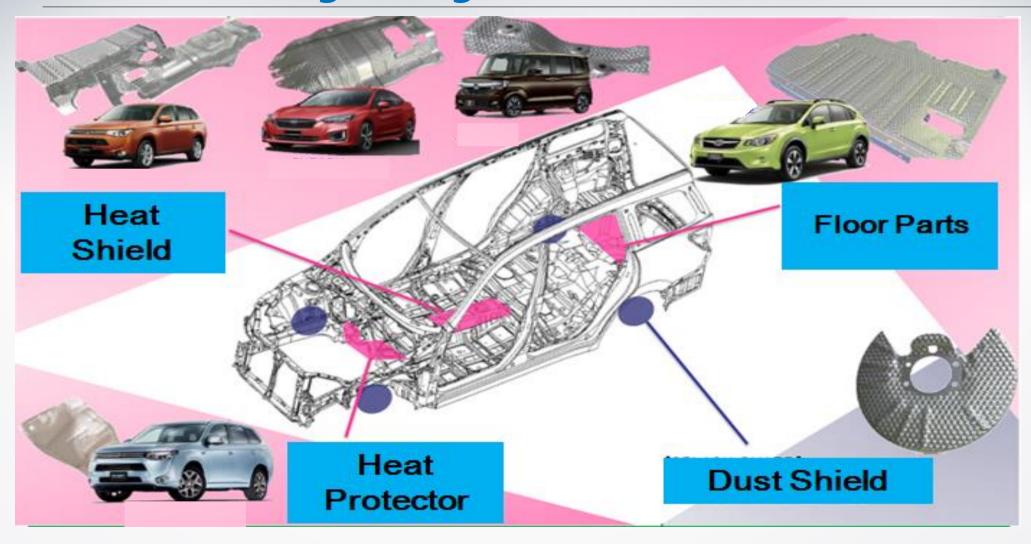


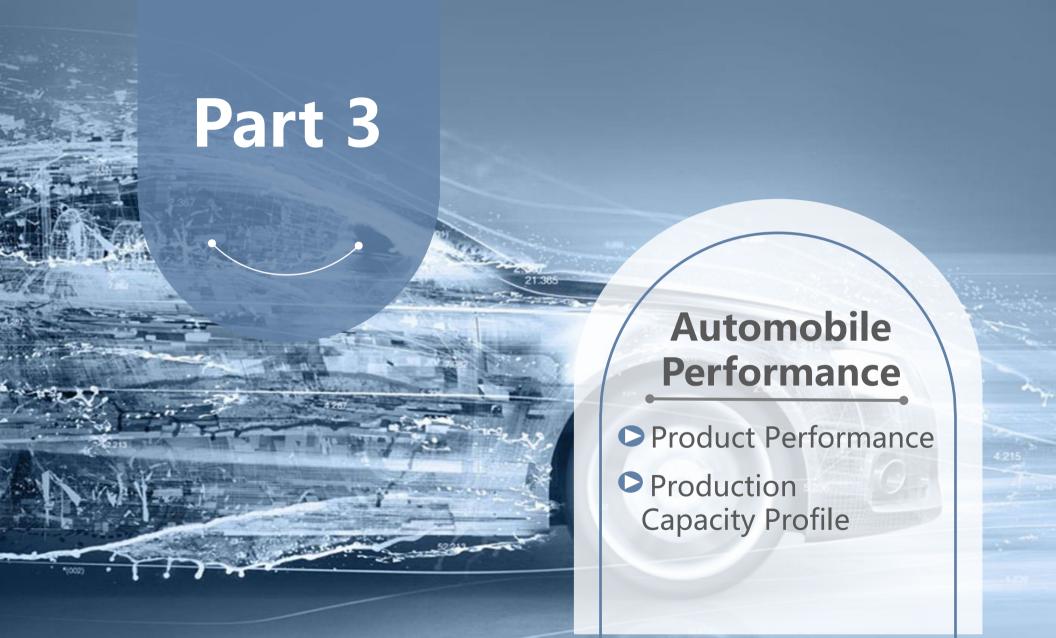






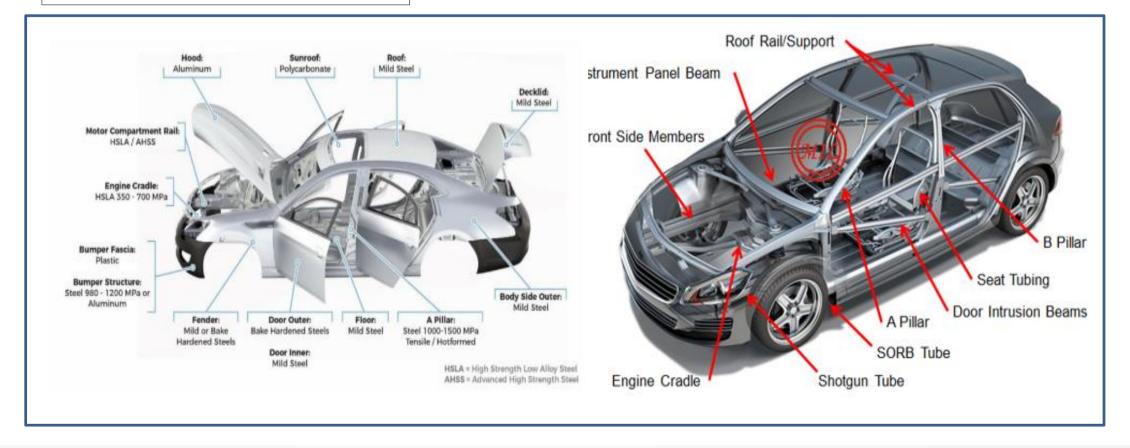
>>> Metal Parts Lightweight-Embrella Structure





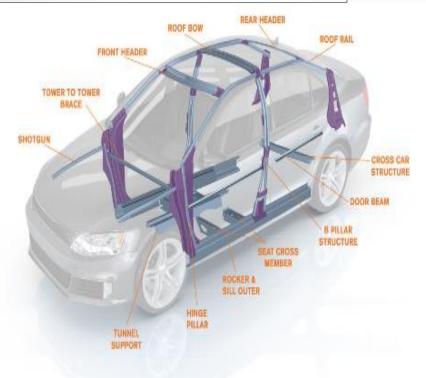
>>> Product Performance

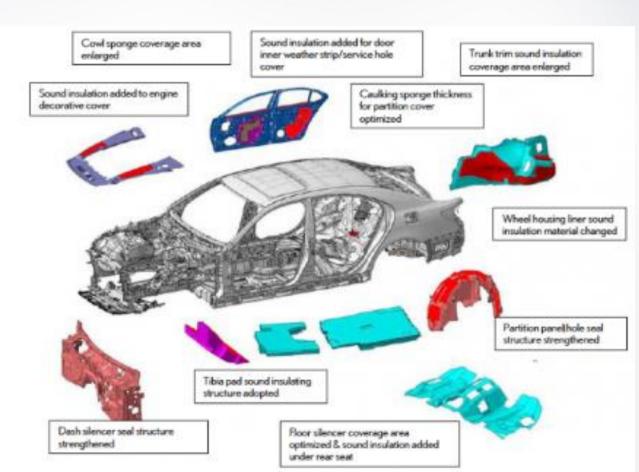
Parts being processed:
Metal Stamping _32 parts
Plastic Injection _12 parts



>>> New Parts in development

New Parts: Metal Stamping _ 25 Parts Plastic Injection _ 5 Parts





>>> Production Capacity Profile

Hydraulic Press (2000T - 1000T - 800T - 800T - 1600T)









>>> Production Capacity Profile

Mechanical Press (1600T - 800T - 800T - 630T - 630T)









