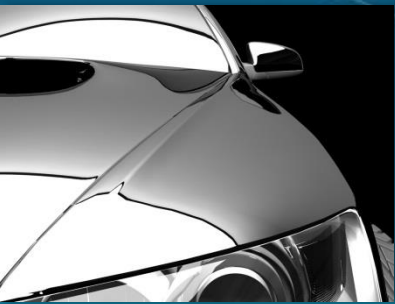


# ESON

## ESON Precision Engineering Co.,Ltd Company Profile





ESON

Company Profile



Products



Enterprise Performance



Vision

- 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



## 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



# ESON ESON Group



● ESON Mexico

● ESON Yantai

● ESON Wuxi

● ESON Kunshan

● ESON Dongguan

● ESON Taiwan



放眼全世界

ESON Family Geography

1987

## Milestone



- Metal product tooling
- Home appliance tooling export
- Automotive tooling export

Tooling

2001



- Notebook/ PC
- Game console
- Network server
- TV mechanical component

Consumer Product

2010



- Anodizing
- Laser embedding
- Diamond cutting
- High-Gloss UV painting
- Evaporation/deposition
- Water transfer print/ heat transfer print

Surface Treatment

2017



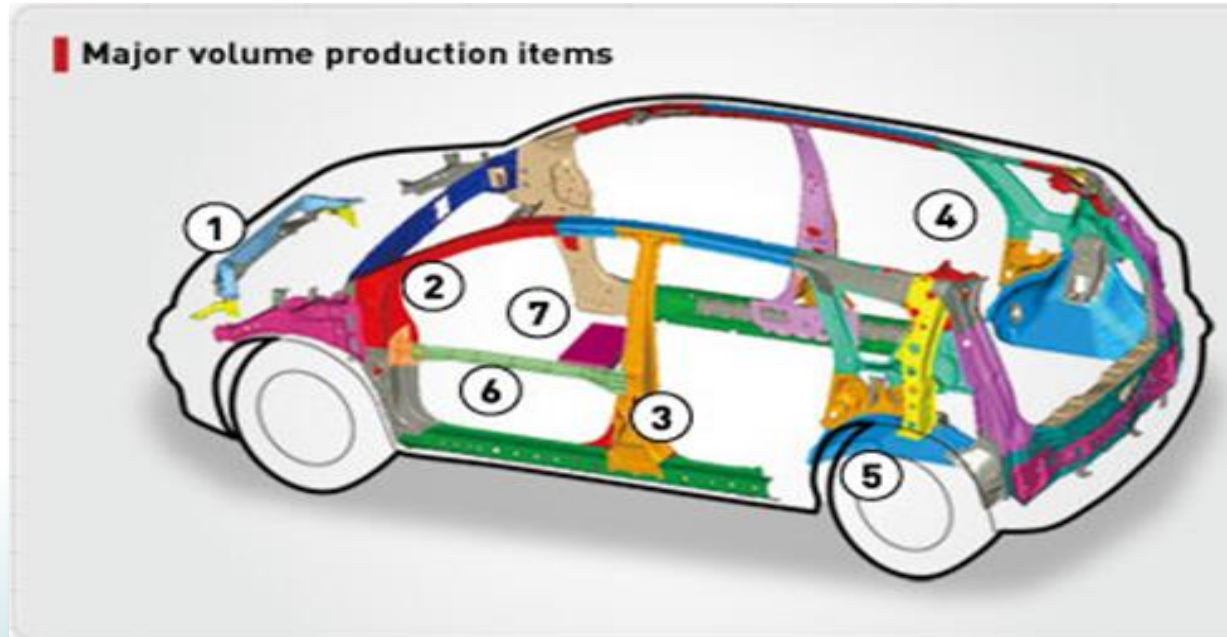
- Auto parts stamping/ injection
- Light weight mechanical parts
- Cloud server
- IPC server

Automotive Product

# ESON Product Tooling

- With experience and capability on below automotive parts tooling design

Automotive components	Product
Structural Components	Chassis, Support of Radiator, Pillar, Door Beam, Tank, Muffler, Wheel Housing...,etc
Interior Parts	Dashboard, Light, Handle...,etc
Body Parts	Hood

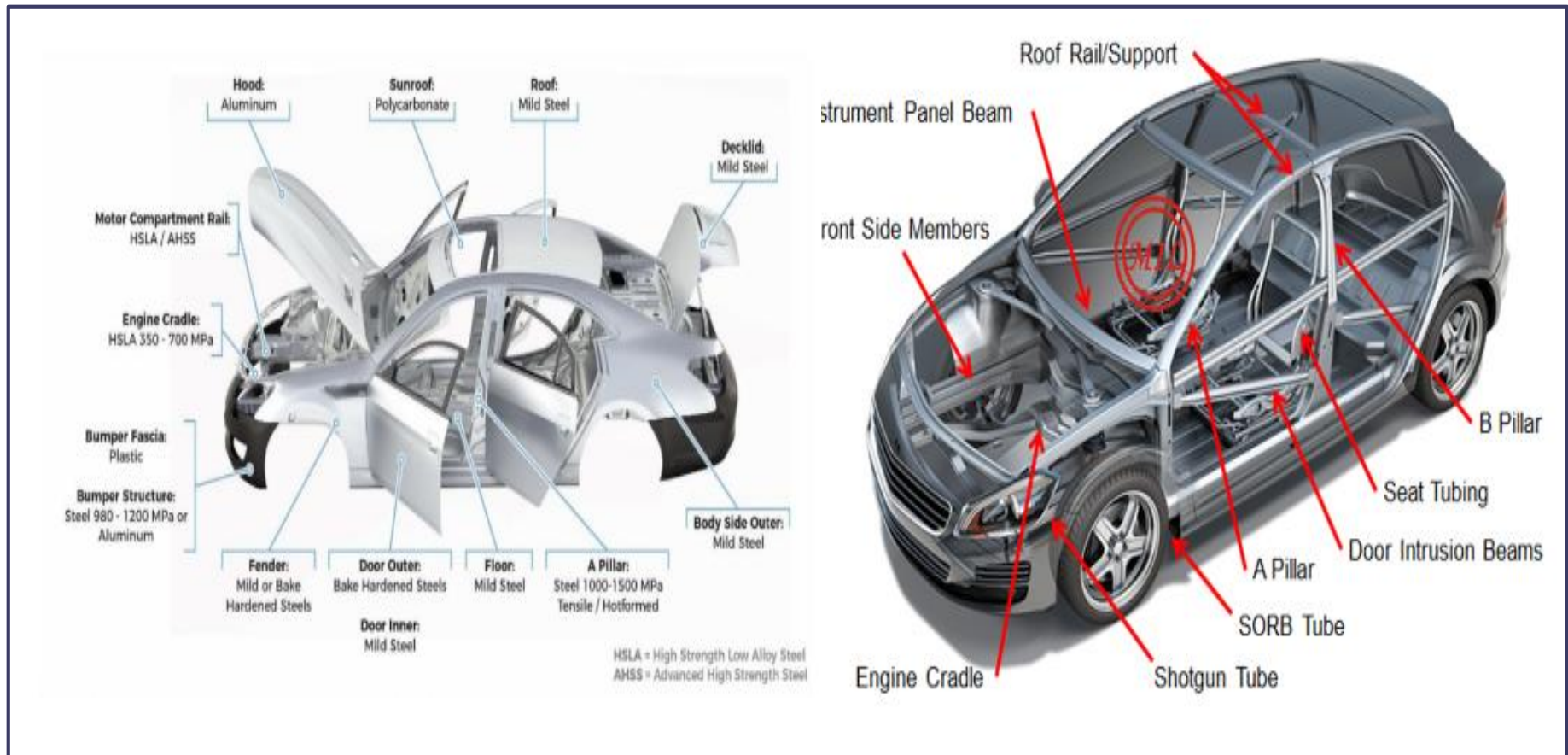


# ESON Product\_Tooling

## Parts being processed :

Metal Stamping \_32 parts

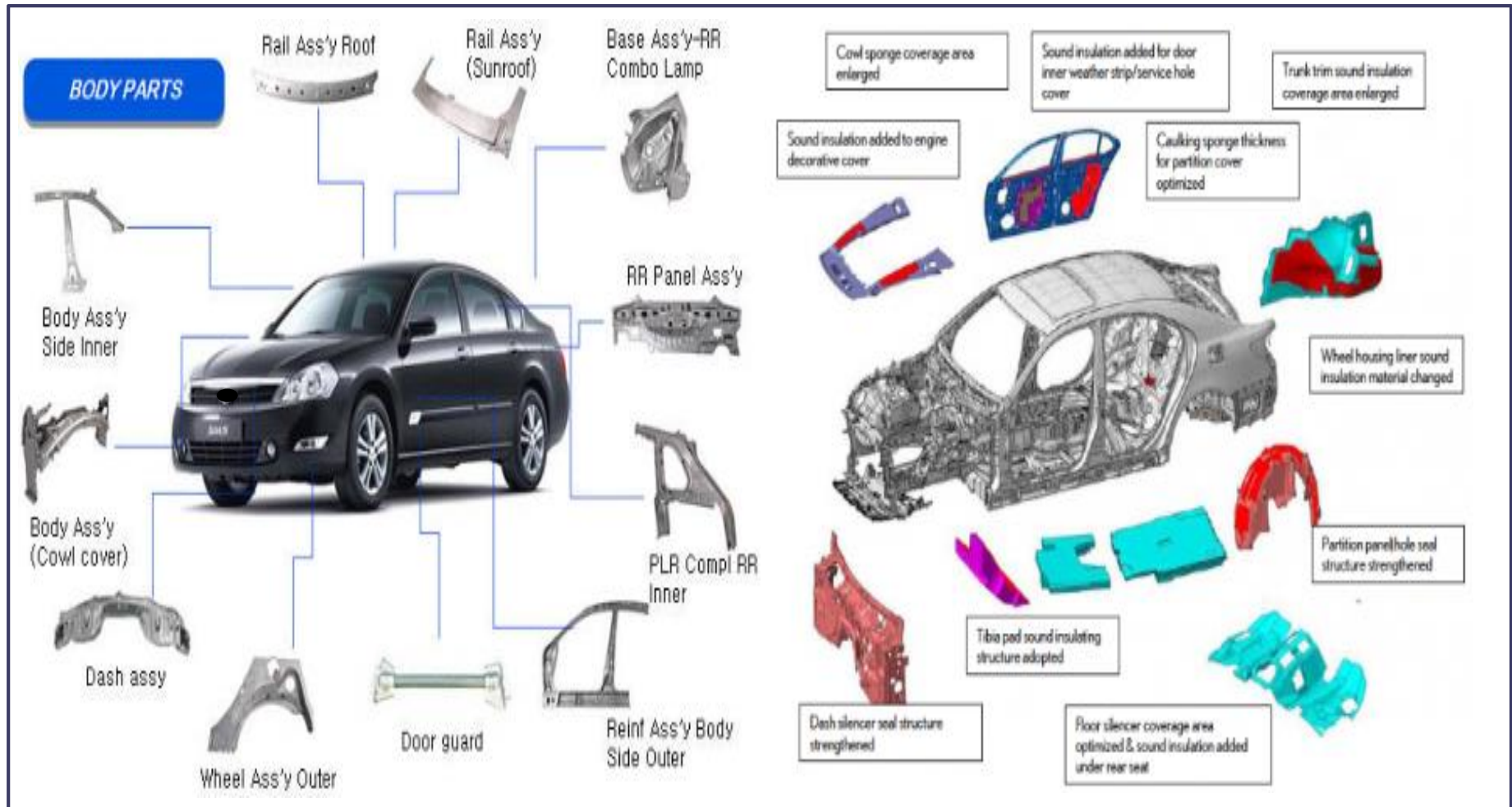
Plastic Injection \_12 parts





## Body Parts

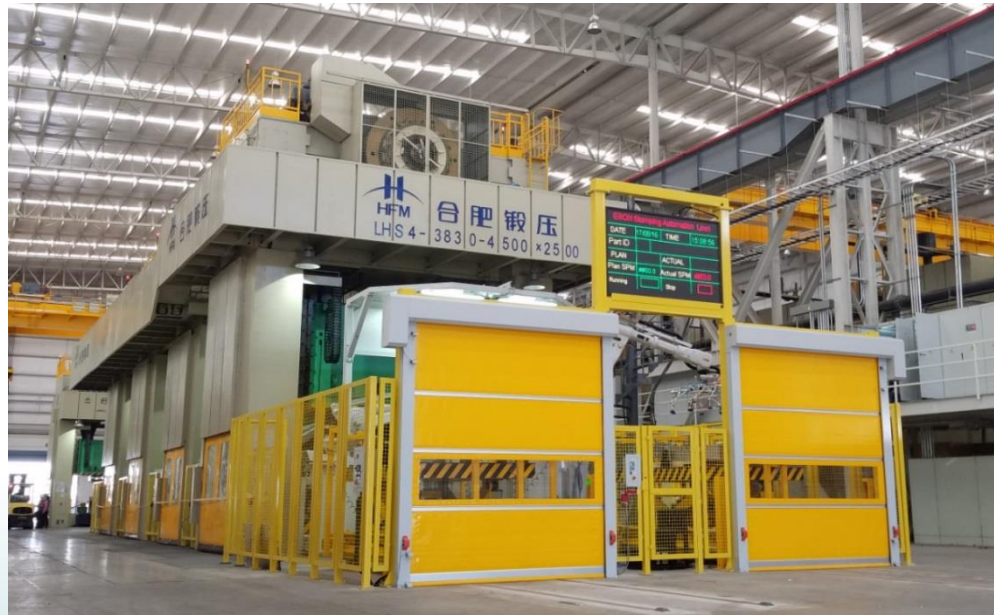
## Inner Structure Parts



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



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





# ESON




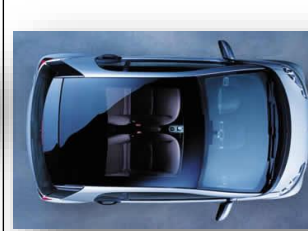

# 自動化介紹





Approx  
0.2 in



	TV	Tooling	Cloud Server	Auto	3C
Product Rev. %					
2015Y	68.69%	10.37%	6.01%	3.64%	8.69%
2016Y	70.97%	6.62%	6.11%	4.18%	9.99%
2017Y	64.78%	9.28%	11.29%	9.08%	5.01%
Growth	-6.19%	2.66%	5.18%	4.90%	-4.98%

## Performance

Currency: NTD-Hundred Million

ESON	2015Y		2016Y		2016YQ1-Q3		2017YQ1-Q3		Growth %	
	NTD	%	NTD	%	NTD	%	NTD	%	NTD	%
Capital	17.35		17.35		17.35		17.35			
Net Sales	84.70		108.62		77.34		78.61		1.27	1.64%
Cost of Sales	73.62		94.34		66.87		66.29			
Cross Profit	11.08	13.08%	14.28	13.15%	10.47	13.54%	12.32	15.67%	1.85	17.67%
Operating Expense	8.81	10.40%	10.44	9.61%	7.35	9.50%	8.23	10.47%		
Operating Incoming	2.27	2.68%	3.84	3.54%	3.12	4.03%	4.09	5.20%	0.97	31.09%
Earnings (Pre tax)	3.21	3.79%	4.37	4.02%	3.19	4.12%	3.56	4.53%	0.37	11.60%
Income Tax	0.36	0.43%	0.79	0.73%	0.55	0.71%	0.37	0.47%		
Net Profit	2.85	3.36%	3.58	3.30%	2.64	3.41%	3.19	4.06%	0.55	20.83%
EPS	1.73		2.18		1.6		1.85		0.25	15.63%



## Advantages of PC v.s. Glass

### PC V.S. GLASS :

Density: 1.2 V.S 2.5  
Reduce weight 30%~50%

Lightweight

Safety

### 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

Additional Advantages

### PC V.S. GLASS :

Hot insulation  
Sound insulation  
Misting slowly  
Water drops



Mercedes C-class Coupé



Smart forfour



Porsche GT3RS

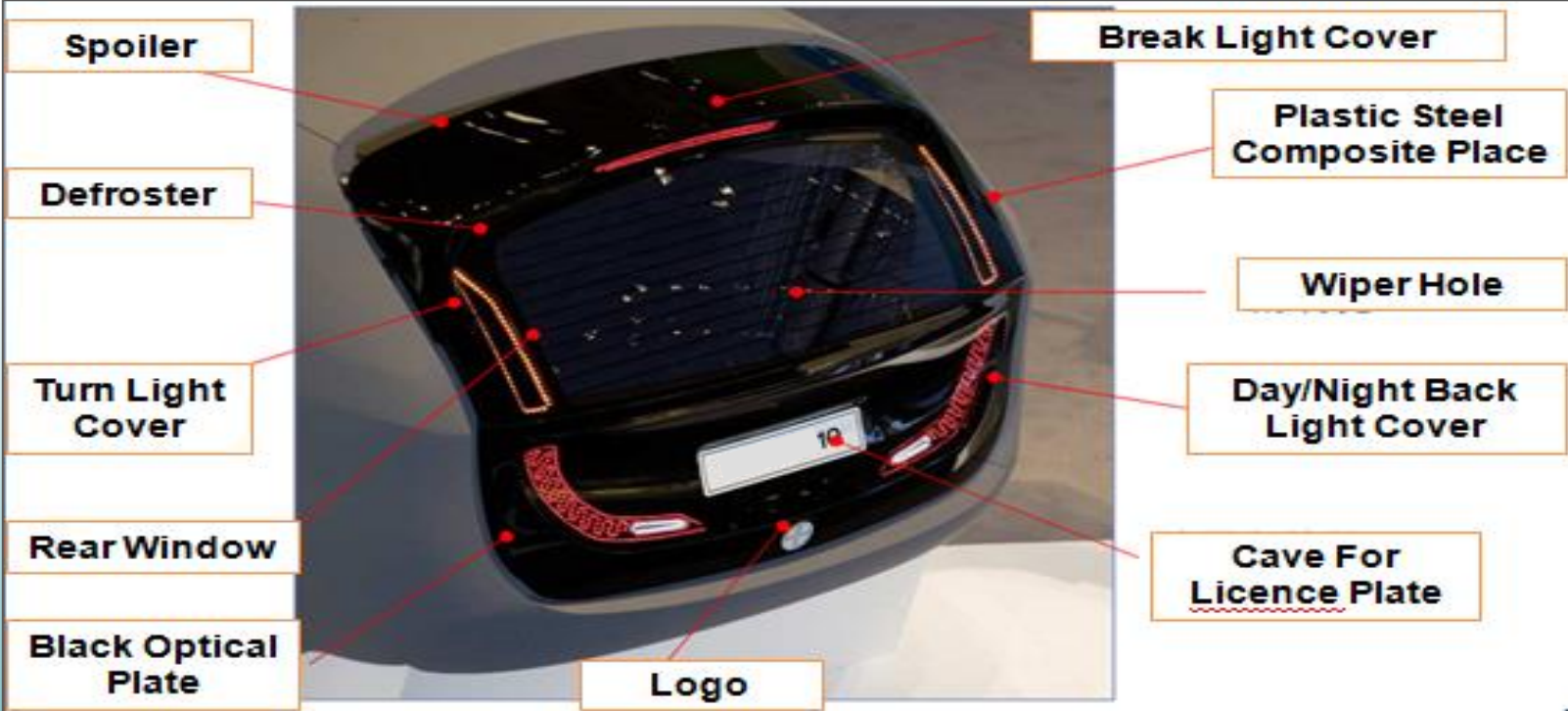
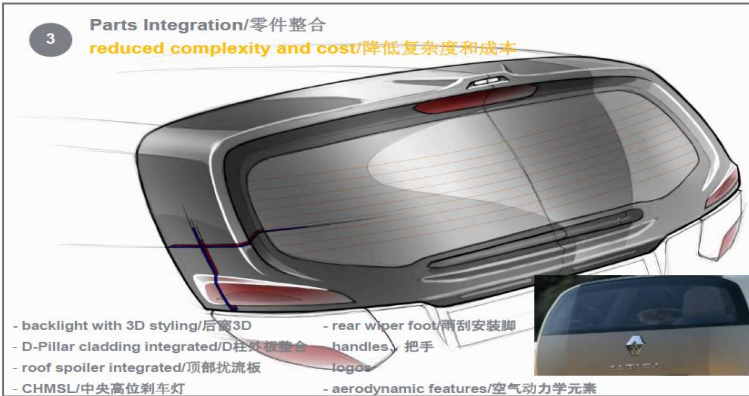


Citroen DS5



Toyota Prius V





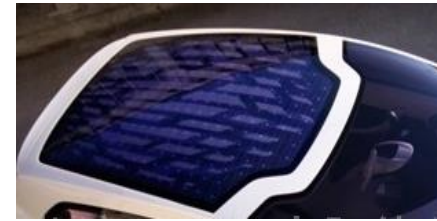
## Electronic PC Sunroof

Before

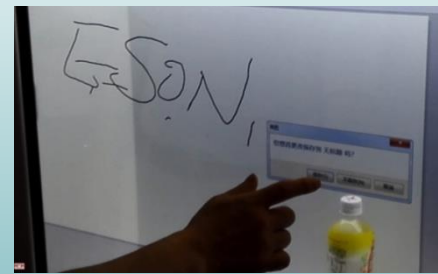
After



## Solar energy PC Sunroof



## Touch Window



## 国家安全玻璃及石英玻璃质量监督检验中心

报告编号: WT2016E09A0086

样品规格:	130mm × 40mm *
环境温度:	20℃
检验项目	
标准要求	<p>BCE R 43: 2012要求</p> <p>(1) <math>\frac{Y}{X} \times 100\% &gt; 95</math></p> <p>(2) <math>Y &gt; 70\%</math></p> <p>(3) 无气泡或变色。 注: X为试验前的可 驾驶员视区部分。</p>

样品细号	
43	<p>(1) <math>\frac{Y}{X} \times 100\% =</math></p> <p>(2) <math>Y = 20.4\%</math></p>
44	<p>(1) <math>\frac{Y}{X} \times 100\% =</math></p> <p>(2) <math>Y = 20.7\%</math></p>
45	<p>(1) <math>\frac{Y}{X} \times 100\% =</math></p> <p>(2) <math>Y = 20.3\%</math></p>

单项判定	
备注	

报告编号: WT2016E09A00866-1
样品规格: 100mm × 100mm × 4mm
环境温度: 22℃

检验项目	
标准要求	<p>ECB R 43: 2012要求: 对M类材料, 外表面因 &lt; 4%。</p>

样品细号	磨前雾度/%
1	1.16
2	1.22
3	1.20
4	1.27
5	1.11
6	1.13

单项判定	
备注	<p>样品细号1~3的磨耗转</p> <p>样品细号4~6的磨耗转</p>

## 检 验 报 告

TÜV Rheinland Group  
 Test Report No. 87-R43-4  
 Manufacturer : Kunshan Eson Precision Engineerin  
 Vehicle Type / Type : Rigid Plastic Panes (V-VIII/B/M 4mm)

Make : ESON  
 Type : Rigid Plastic Panes (V-VIII/  
 Name and address of the manufacturer : Kunshan Eson Precision E  
 No. 88 Yuanfeng Road, Yu  
 Province, People's Republ

The above mentioned type is in compliance with the ECE-Reg

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

Additional communication concerning the ECE approval

Place: Luxembourg  
 Date: March 10, 2017

TÜV RHEINLAND LUXBMBURG GMBH

Dipl.-Ing. Holger Hütz

TÜV Rheinland  
 Luxembourg GmbH

### ORDER FOR :

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

TÜV Rheinland Luxembourg 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 <b>9787</b>	87-R43-0326/17-00

(=1 for combined lamps same approval number)  
 (=2 for combined lamps separated approval numbers)

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):  
 is attached  
 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 there in Luxembourg  
 is at TÜV Rheinland India

The report of the factory inspection or ISO 9001 certificate:  
 is attached  
 is there in Luxembourg  
 is at TÜV Rheinland India





# ESON Precision Engineering Co.,Ltd



*Thank You*



乙盛-KY ( 5243 )