Accountability, Initiative, Customer Oriented, Teamwork, Challenge

KWANGSUNG CORPORATION LTD.

Company Profile

KWANGSUNG CORPORATION LTD.

CONTENTS

OVERVIEW & HISTORY

OVERVIEW

Company Name	KWANGSUNG CORPORATION LTD.		
CEO	Mr. PHIL HO, SUNG, Mr. MIN SOO, SUNG		
Establishment	March, 1983	**Employee**	KOREA : 350 / OVERSEARS : 910
Equities	1,630,000 USD	**Homepage**	www.belite.co.kr
Business item	Plastic parts for automotive	**Customer**	HYUNDAI Motors, KIA Motors etc. ※ Tier 1 supplier for HYUNDAI & KIA Motors
Address	1. Headquater : 346-6 Yugok-ri, Songsan-myeon, Dangjin, Chungcheongnam-do 2. R&D Center : 6, Beonnyeong-ro 186beon-gil, Ansan-si, Gyeonggi-do, South Korea		

1980s

Mar. 1983	Company Establishment
Apr. 1983	Supplier registration to KIA Motors
Dec. 1986	Supplier registration to HYUNDAI Motors

1990s

Apr. 1990	Supplier registration to SSANGYONG Motors
Nov. 1993	Establishment of KWANGSUNG ANV Co, Ltd., Korea (Ansan)
Jan. 1994	Supplier registration to DAEWOO Motors
Jul. 1996	Establishment of R&D Center and Laboratory (Kyunggi Ansan)

2000s

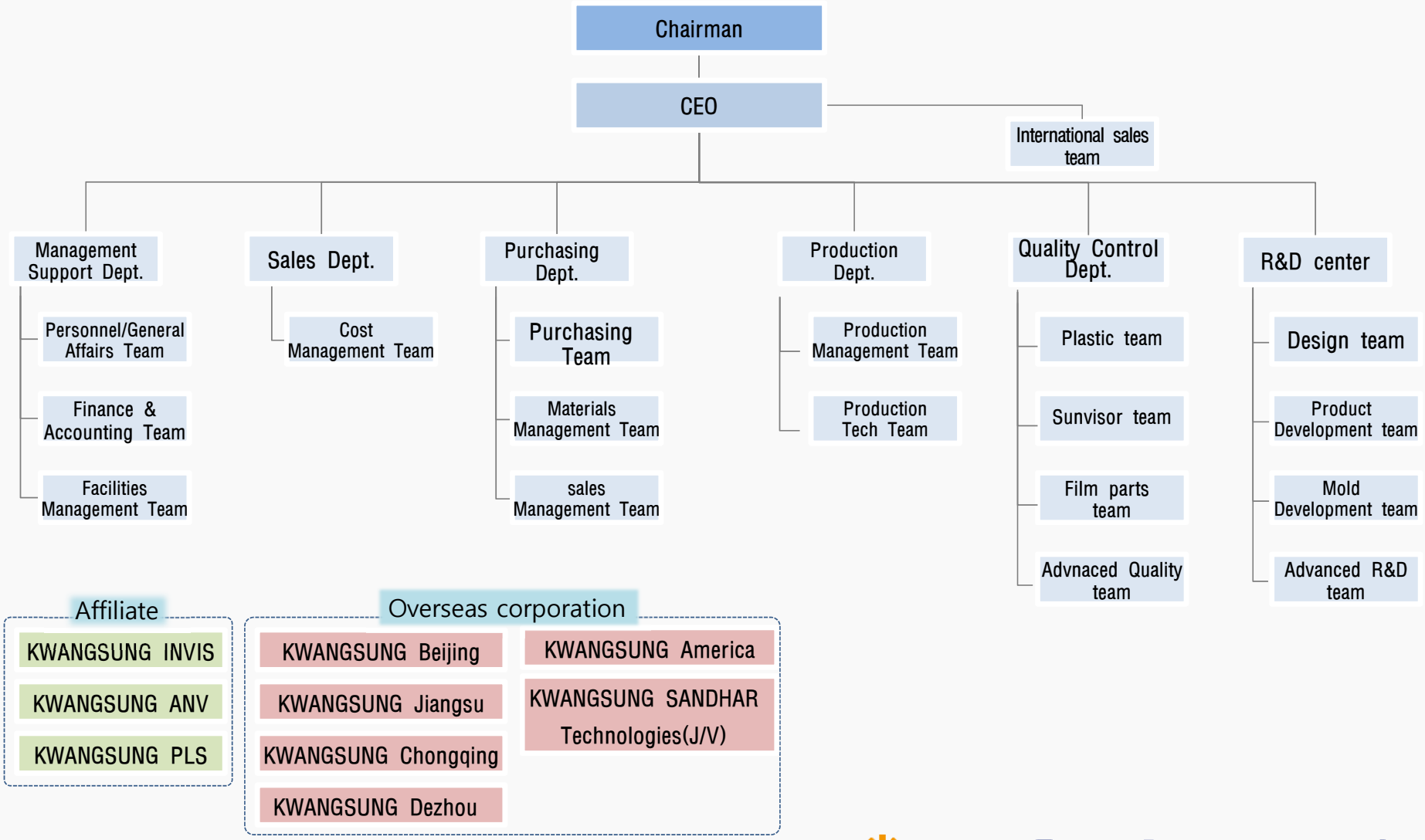
Dec. 2002	Headquarters relocation (Korea, Chung-nam Dangjin)
Mar. 2005	Establishment of Beijing KWANGSUNG China Co., Ltd., China
Aug. 2006	Establishment of KWANGSUNG America Corp. Alabama, U.S.A

2010s

Feb. 2013	Technical license agreement from KYORAKU Co., Ltd., JAPAN
Jun. 2013	Establishment of KWANGSUNG PLS Co, Ltd., Korea (Jeonnam Jangseong)
Mar. 2015	Establishment of Jiangsu KWANGSUNG Automotive parts Co., Ltd., China
Feb. 2017	Establishment of Chongqing KWANGSUNG China Co., Ltd., China
Apr. 2017	Establishment of Dezhou KWANGSUNG China Co., Ltd., China
Aug. 2018	Establishment of KWANGSUNG SANDHAR Technologies(J/V), India

KWANGSUNG CORPORATION LTD.

Organization



Global operations

CHINA

• KWANGSUNG Beijing

• KWANGSUNG Jiangsu

• KWANGSUNG Chongqing

• KWANGSUNG Dezhou

INDIA

• KWANGSUNG SANDHAR Technologies(J/V)

USA

• KWANGSUNG America

KOREA

• KWANGSUNG Headquater

• KWANGSUNG R&D center

• KWANGSUNG INVIS

• KWANGSUNG ANV

• KWANGSUNG PLS

Major Customers

HYUNDAI

KIA MOTORS

KIA 东风悦达·起亚

SSANGYONG

北京汽车

Hyundai Alabama

Kia Georgia

GM 上海通用汽车

HYUNDAI MOBIS

北汽银翔

Hyundai Czech

Hyundai Beijing

GM KOREA

MAHLE

LEAPMOTOR

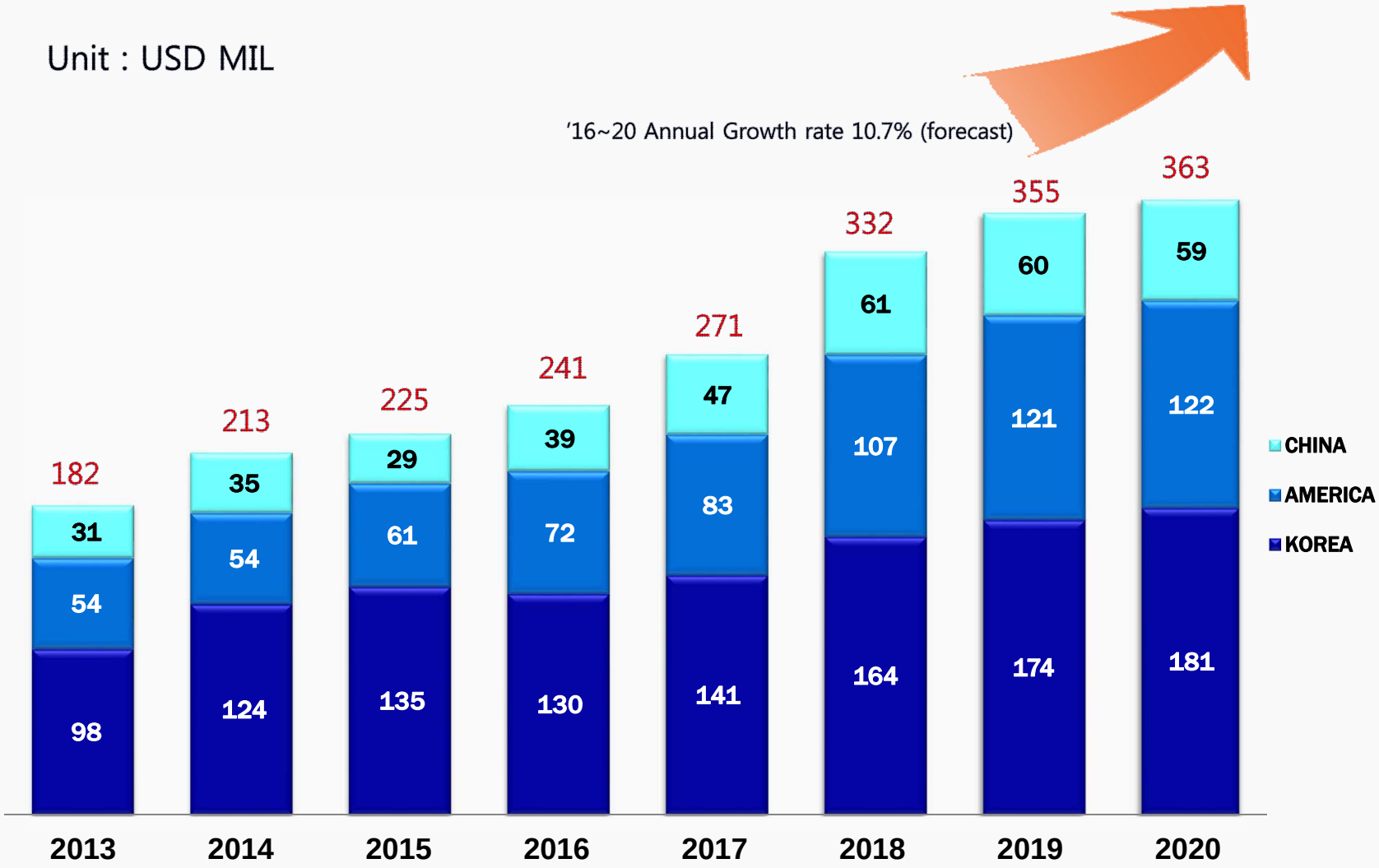
GM Uzbekistan

MANN+HUMMEL

KWANGSUNG CORPORATION LTD.

Turnover

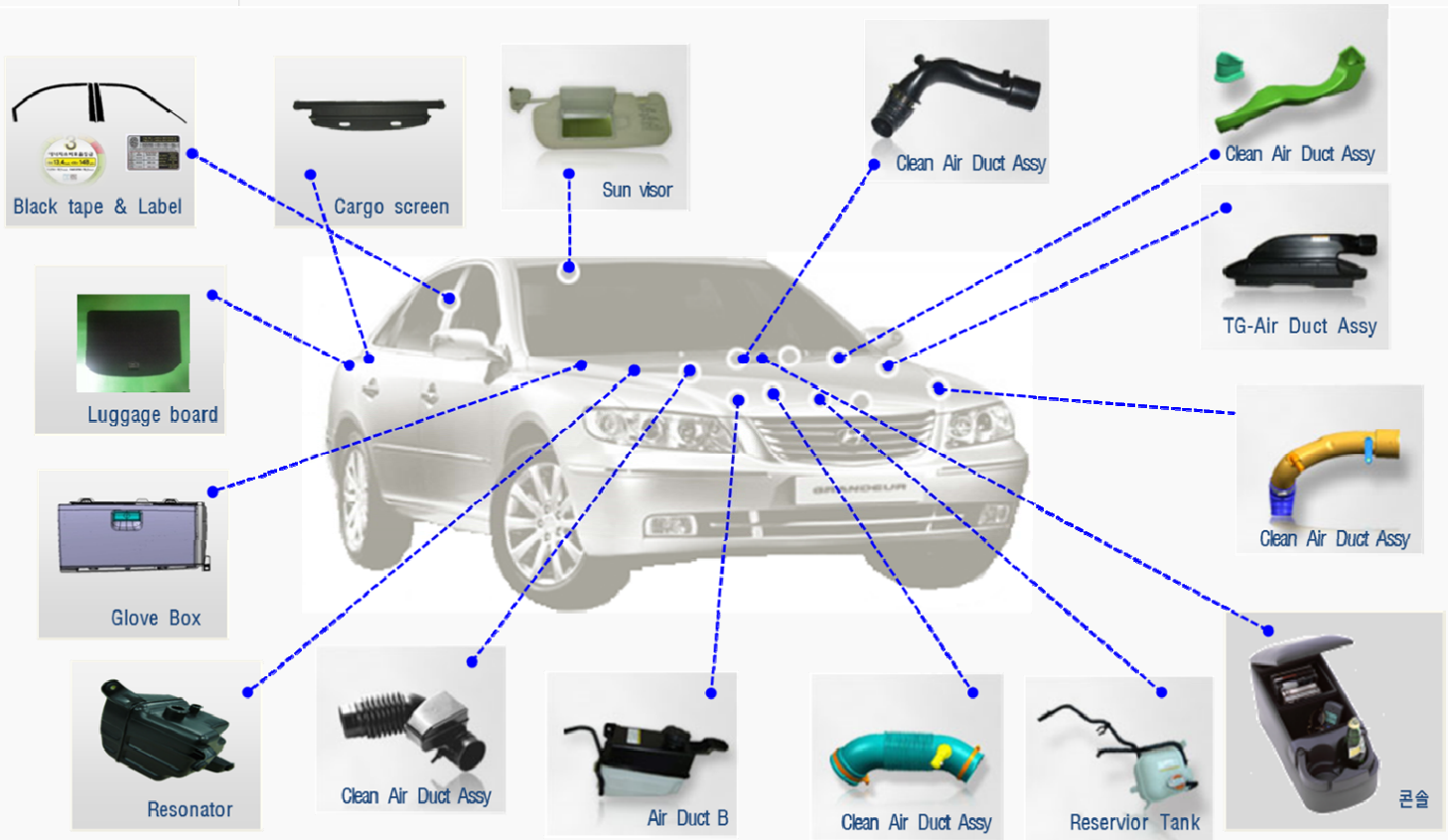
Unit : USD MIL



KWANGSUNG CORPORATION LTD.

Products

Classification	Parts
Plastic Parts	Air induction system, Fluid system, Pillar trim, Cockpit Module parts, Floor console box
Interior Parts	Sunvisor, Luggage Board & Box, Cargo screen
Film Parts	Black out tape, Anti chipping tape, Label



Products

_Plastic parts

Air induction System

Duct Ass'y

Air Intake Hose

Resonator

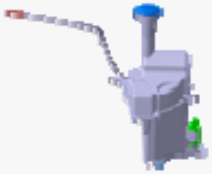
Floor Duct

Nozzle Defroster

Connection Duct Complete ASS'Y

Fluid System

Reservoir Tank



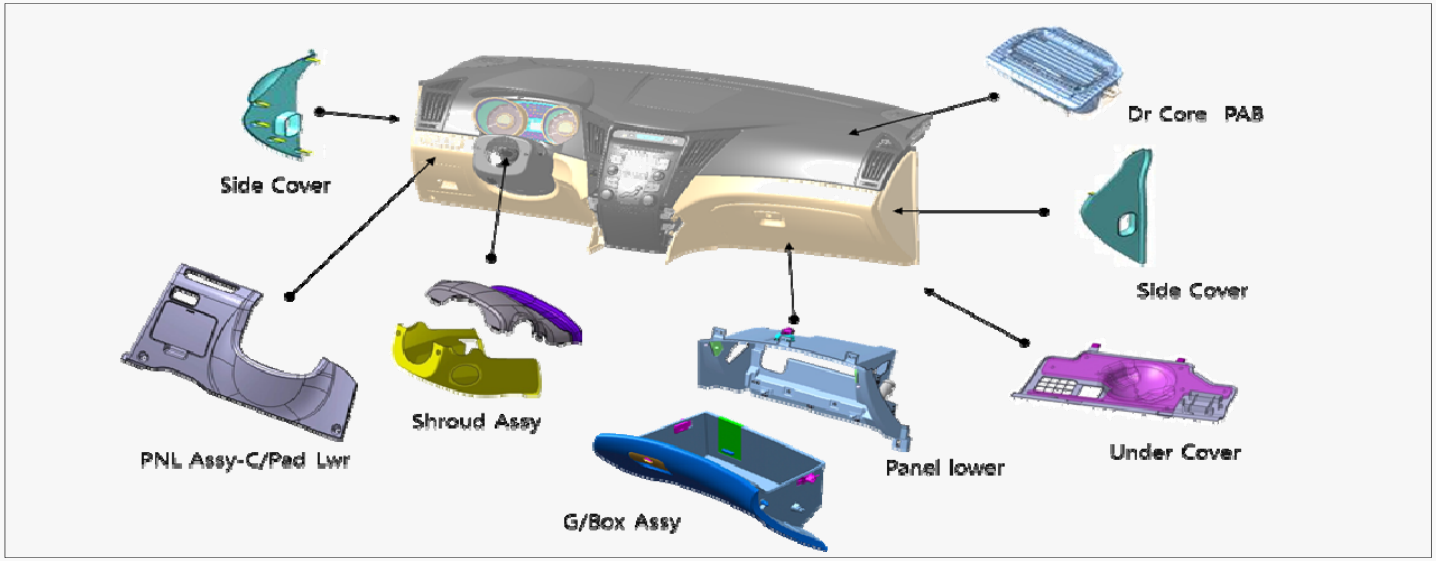
Washer Tank

Pillar Trim

Products

_Plastic parts

Cockpit Module



Floor Console Box

Products
_Interior parts

Sunvisor

PP/EPP Type

PVC/Cloth Type

Sliding Mirror Type

Luggage Board & Box

GMPUR Type

Blow Type

Cargo Screen

Products
_Film parts

Tape & films

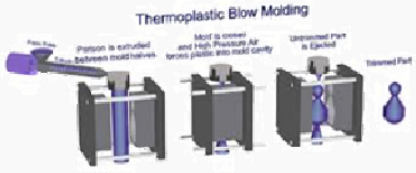
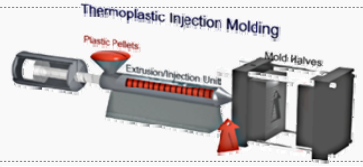
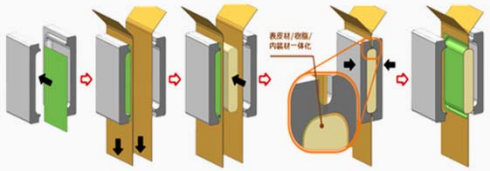
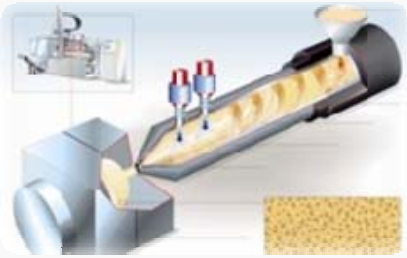
Black Out Tape

Anti-Chipping tape

Label

Decal

Possess Technology

No.	Technology Name	Technology Contents	
1	Blow Molding	■ Definition of technology → A molding method in which a molded body preformed into a tube shape by extrusion or injection is inserted into a mold to blow air into the interior of the mold to be inflated and cooled and solidified to form a specific type of solid matter.	
2	Injection Molding	■ Definition of technology → A molding method in which a plastic material melted by heating is injected into a mold to solidify or harden	
3	Twin Blow Molding	■ Definition of technology → A molding method in which a molded body preformed into a sheet shape by extrusion or injection is inserted into a mold to blow air into the interior of the mold to be inflated and cooled and solidified to form a specific type of solid matter. ■ Definition of technology → Strengthen mechanical performance, Lightweight	
4	Microcellular plastic manufacturing technology and parts molding technology	■ Definition of technology → Microcellular foaming technology presently used in blow molding. It heating and pressurizing carbon dioxide or nitrogen gas to a supercritical (fluid-like) state in which it readily dissolves in polymer melts. The process reportedly yields uniform closed cells as small as 10 microns. The small cells are said to produce stronger thin-wall parts at reduced densities. ■ Definition of technology → Strengthen mechanical performance, Lightweight	

New Technology

Technology	Description
Development of battery pack case cover for electric vehicle with continuous fiber reinforced thermoplastic	• Definition of technology: → Technology to replace battery pack case cover made of conventional steel (or Al) with continuous fiber reinforced composite material with excellent mechanical properties • Value proposition: Lightweight, eco-friendly (resource recycling)
Development of vent filters for vehicles enclosure parts	• Definition of technology: → Vent filter ; Parts that provide air permeability to protect durability while protecting from harsh environment (moisture, dust, high temperature, etc.) through enclosed enclosure of automobile parts → Technology to replace e-PTFE (Teflon) based membranes of existing overseas conglomerates (Gore, Nitto denko) with new membranes • Value proposition : Cost reduction
Development of black out tapes for vehicles	• Definition of technology: → Black out tape ; Black film applied to center pillar or door chassis frame of vehicle door → Technology that manufactures the products of existing domestic large corporations by their own technology from original raw materials and film manufacturing • Value proposition : Cost reduction
Development of plastic nanocomposite for nanocellulose application	• Definition of technology: → Nanocellulose ; High-strength micro/nano-sized fibers extracted from plants → Technology to manufacture plastic nanocomposites based on existing inorganic (Talc, Clay) based plastic nanocomposites using Nanocellulose, a new eco-friendly nanomaterial • Value proposition : Lightweight, eco-friendly, high strength, cost reduction
Development of supercritical fluid physically foaming technology applied high expansion ratio car duct	• Definition of technology: → Technique to make a mixture of molten plastic resin and gas using micro-porous plastic using supercritical fluid → Technology to manufacture microporous plastic parts with a higher expansion ratio (2.5 times or more) than existing (expansion ratio: less than 2 times) to improve light weight performance • Value proposition : Lightweight, eco-friendly, cost reduction

Awards

- **"The Best supplier"** from HYOSUNG Motors (May. 1988)
- **"The Best supplier"** from KIA Motors (Feb. 1989)
- **"The Best Company of Quality Assurance"** from KIA Motors (Apr. 1995)
- **"The First Class Company in Quality"** from DAEWOO Motors (Dec. 1996)
- **"D100PQ Certification"** from DAEWOO Motors (Jan. 2000)
- **"Technology of the Year"** from HYUNDAI/KIA Motors (Jan. 2001)
- **"Technical Renovation in Mid-scale Industries"** (Dec. 2008)
- **"Technical Grand-prize"** from the Government (Apr. 2009)
- **"The Best Partner of the Year"** from HYUNDAI/KIA Motors (Jun. 2009)
- **"The Order of Industrial Service merit"** from the Government (May. 2010)
- **"The Best Small & Strong Company"** from the Government (Jun. 2011)
- **"The Best Partner of the Year"** from HYUNDAI/KIA Motors (Jan. 2014)
- **"The Best Commodity of the Year"** from the Government (Jun. 2015)

Certifications

Thank you

광성기업주식회사
KWANGSUNG CORPORATION LTD.