



our imagination Value⁺























































































LOTTE GROUP

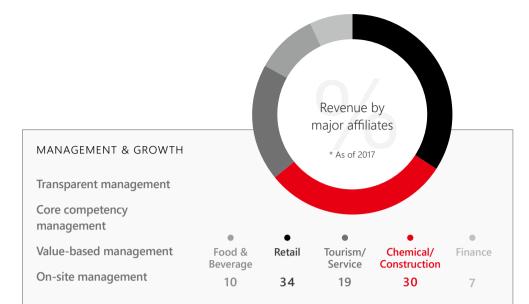
LOTTE ADVANCED MATERIALS

LOTTE CHEMICAL BUSINESS

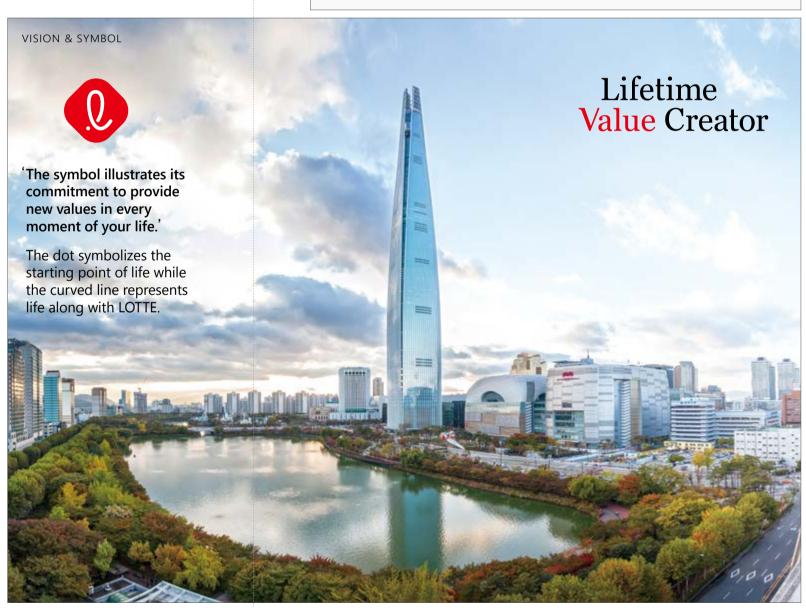
ORPORATION

A global company that creates a happy life for humanity

MISSION & CORE VALUE We enrich people's lives by providing superior products and services that our customers love and trust. **RESPECT** CHALLENGE Story of Self Story of Us **ORIGINALITY** Story of Future



LOTTE ADVANCED MATERIALS



CHEMICAL SYNERGY TO YOUR LIFE

A future of global leading chemical company

26

Total 26 companies in ____ chemical business

South Korea 10 companies Global 16 companies

LOTTE Chemical business



HIGH VALUE & POSSIBLITY IN MATERIALS

Emerging as a provider of high value materials















Value your imagination

We will provide more value and possibilities than customer expect by taking the central role in the cutting-edge materials market.

LOTTE Advanced Materials provides specialized material solutions for the innovation of customer's products through continued research and investment in production facilities.



BUSINESS PORTFOLIO



Upscale interior

materials

Refined and pleasant space

through tech & design

High-performance synthetic resin materials

Value of product enhanced by integrated solution

starex*

INFINO.
Engineering

Plastics

Styrene Resin o staron

Acrylic Solid Surface

Radianz®

Engineered Stone

Ethical management

Management based on laws and principles

Fair and transparent corporate culture

Trust based relations

Trust-based relations with partners



SUSTAINABILITY MANAGEMENT

— Win-win management

Pursuit of mutual growth

Better communications
with stakeholder

Creative corporate culture

Sharing management

Social contribution activities

Service for the underprivileged

Education and support

for youth



Safety/Environment

Establishment of safety culture
Energy-saving management
Eco-friendly process, technology
and product



PRODUCT PORTFOLIO

starex®















Enjoy our excellence and expertise with world-class starex®

starex®, the styrenic product groups such as ABS, ABS Alloy, ASA, and EPS, represents the highest technologies created by the top-notch engineers and specialists, offering the exceptional experience to customers.



ABS

- General
- Extrusion
- Flame Retardant
- Heat Resistant
- Metal Plating/Painting

ABS Alloy

- Transparent MABS
- Scratch Resistant MABS
- High Modulus ABS/GF
- PCM (Eco)

- Injection
- Extrusion

- General
- Insulation
- Eco-friendly Flame Retardant

Specialty

- High Weatherability
- Luminous (Eco)
- Medical
- Antimicrobial





We create infinite possibilities with our versatile INFINO®

*INFINO*_®, which covers PC, PC Alloy and high performance EP, creates infinite possibilities through future-oriented and differentiated products.



- Polymerization (General/Extrusion)
- General (Transparent/High Impact/Eco)
- Flame Retardant (Transparent/Thin-wall/Eco)
- Medical

PC Alloy

- PC/ABS/GF

PC/GF

- PC/ABS
- PC/ASA • PC/PET
- PC/PMMA
 - PC/PBT

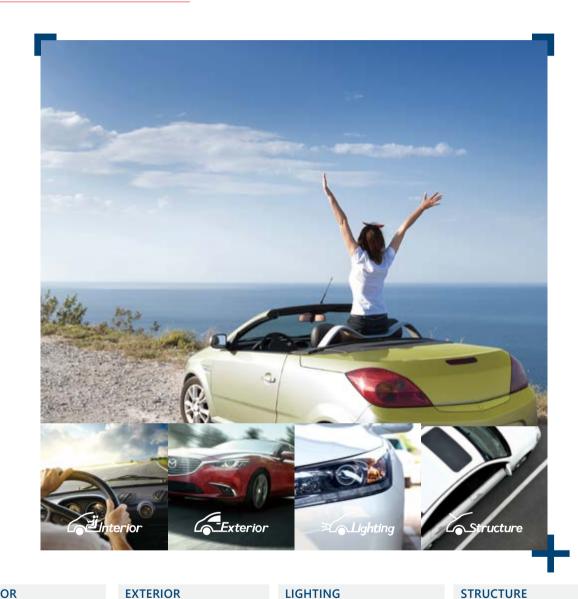
High Performance EP

- PBT
- PCT • PPS
- mPPE
 - TPE

• PA (PPA)

NOW + FUTURE OF

AUTOMOTIVE



INTERIOR

























Light-weight & Metal Replacement



- Low TVOC ABS • Low Gloss ABS, PC/ABS
 - High Weatherable ASA
- Light Blocking ABS, PC/ABS • High Flow PC/ABS

Material PC/ASA

• Light Diffusion PC

• Chemical Resistant PC/ABS

• Low Gloss, Emotional Feeling

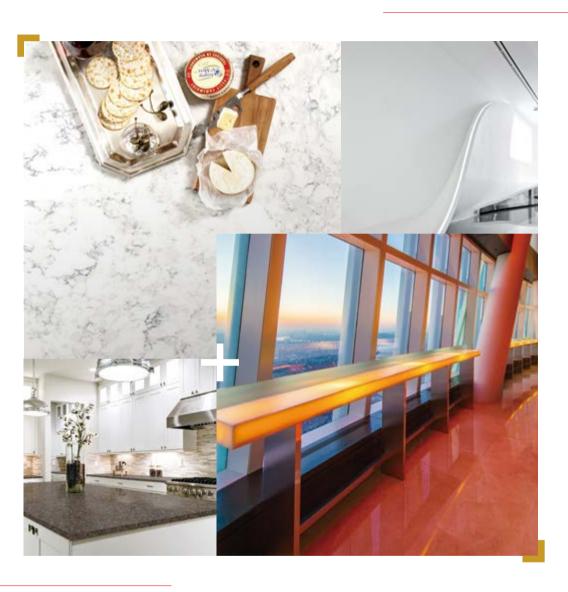
- Metal Plating ABS & PC/ABS
- High Weatherable/Impact
- High Modulus PC/PET
- High Flow/Impact PC/PBT
- High Weatherable/Impact PC
 - High Gloss/Low Gas PBT
 - High Gloss/Low Gas PC/ABS
- Conductive/High Heat PA/PPE/CNT
- Dimensional Stability PBT/ASA/GF
- High Flow/Surface Quality PBT/PET/GF
- High Heat PPA

Acrylic solid surface with upscale appearance and excellent processability like natural marble

Hygienic, easy to maintain and applicable to a variety of patterns and colors

Applicable to a wide range of interior items including walls, tops and furniture in residential and commercial space Creative arrangements in diverse living & cultural spaces through unlimited design possibilities







Eco-friendly and upscale interior space created with high-purity silica stone

Engineered stone composed largely of quartz, featuring high strength

Ultra hygienic building material offering more color options than natural stone

Top-notch interior material that can be applied to floors, walls and tops in residential and commercial space

OUR SOLUTION

Value of Life Enhanced by Chemical Solution

LOTTE ADVANCED MATERIALS offers a wide range of high-quality solutions generating new value and innovation in everyday life.

Electrical & Electronics

Slim & Wide
High Stiffness
Excellent Appearance
Light-weight
Design Freedom
Cost Reduction
Flame Retardant

Automotive & Transportation

High Performance
Light-weight & Metal-replacement
Safety & Comfort
Integrated Design
Process Efficiency
Eco-friendly

Living and Cultural Space Design

Good Processability & Durability Excellent hygienic property Refined & Unique Space Natural & Upscale Color & Pattern Design Elegant Curved-lines & Seamless Finishes Light Penetrability for Diverse Visual Effects

IT & Mobile

Slim Design
High Impact & Modulus
Sophisticated Design
Metal Adhesion
Durability
Good Processability
Dimensional Stability

Desig

Design Freedom
Scratch Resistance
Transparency
Chemical Resistance
Non-painting Metallic Design
Cost-effectiveness
Antimicrobial

Home Appliances

Energy & Lighting

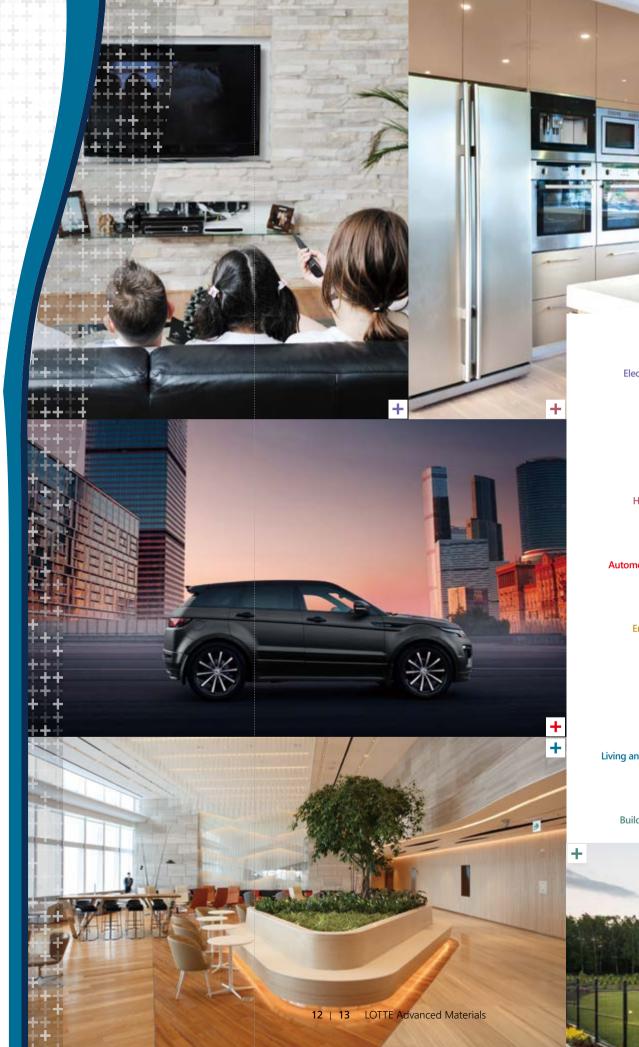
Flame retardant Heat resistance Quality stability Good Productivity Durability Optical Reliability

Healthcare

Biocompatibility
Reliable Quality
Durability against Sterilization
Chemical Resistance
Ease of Processing
High Clarity

Building & Construction

Weatherablility
Superior Appearance
Reliability
Various Color & Gloss
Durability





IT & Mobile



Home Appliances



Automotive & Transportation



Energy & Lighting



Healthcare



Living and Cultural Space Design



Building & Construction



AT A GLANCE

Field of Business

Plastics



starex[®] Styrene Resin

ABS I ABS Alloy I ASA I EPS I SAN

INFINO Engineering Plastics

PC | PC Alloy | PBT | mPPE | PA | PPA | PPS | PCT | TPE

Construction Materials



staron® Acrylic Solid Surface

Solid Surface

Radianz[®] Engineered Stone Natural Quartz Surface

Capacity



- ABS 670K Tons
- PC 240K Tons
- Acrylic Solid Surface 970K Sheets

Key Industries



















Electrical & Electronics, Home Appliances, IT & Mobile, Automotive, Lighting & Energy, Building & Construction, Healthcare, Furniture, Miscellaneous

Sales & Production Sites

15 Countries, 31 Bases

HQ/R&D

South Korea (Uiwang)

South Korea (Yeosu),

China (Tianjin/Dongguan), Mexico (Tijuana), Hungary (Tatabanya), Vietnam (Dong Nai)

Milestones

1989

ABS & PS plants

completed

1993

China (Shanghai), U.S.A. (Los Angeles), Germany (Frankfurt), Thailand (Bangkok), Japan (Tokyo)

Employees Worldwide



Approx. 1,890

China completed

Sales & Assets (2017)

2.56 USD billion Sales 1.83 USD billion Assets

completed

LOTTE ADVANCED MATERIALS founded Compounding plant E-Stone plant Compounding plant in Mexico completed completed in Hungary completed 2007 2011 2016 2008 2009 2010 2014 2018 Acrylic solid surfacing Polycarbonate plant Compounding plant Compounding plant Compounding plant material plant completed completed in Tianjin, China completed in Dongguan, in Dong Nai, Vietnam

GLOBAL PRESENCE



SOUTH KOREA

Uiwang Headquarters

Tel: +82-31-596-3408

Yeosu Plant

Tel: +82-61-689-1221

Gwangju Service Office

Tel: +82-62-945-1352

Busan Service Office

Tel: +82-51-465-6829

Gumi Sales Office

Tel: +82-54-468-2811

Ulsan Sales Office Tel: +82-52-267-9808

Sales Corporation

Los Angeles, U.S.A.

Tel: +1-714-443-0945

Frankfurt, Germany

Tel: +49-6196-7727-260

Shanghai, China

Tel: +86-21-6270-3000

Tokyo, Japan

Tel: +81-3-6369-6419

Bangkok, Thailand

Tel: +66-2-624-6726

Production Plant

Tianjin, China

Tel: +86-22-5868-291

Dongguan, China

Tel: +86-769-8300-9762

Tatabanya, Hungary Tel: +36-34-814-120

Tijuana, Mexico Tel: +52-664-533-3516

Dong Nai, Vietnam Tel: +84-97-140-8940

Branch/Sales Office

ASIA

Shenzhen, China

Tel: +86-755-8203-2323

Tianjin, China

Tel: +86-22-2836-4261

Suzhou, China

Tel: +86-512-6262-0323

Weihai, China

Tel: +86-631-5666-812

Qingdao, China

Tel: +86-532-8577-9681

Hanoi, Vietnam

Tel: +84-43-227-2071

Kuala Lumpur, Malaysia

Tel: +60-3-2283-3714

Jakarta, Indonesia

Tel: +62-21-250-5517

Chennai, India

Tel: +91-44-4299-4255

Delhi, India

Tel: +91-124-4153-804

AMERICA

Detroit, U.S.A. Tel: +1-248-509-7471

San Diego, U.S.A.

Tel: +1-619-500-2837

EUROPE

Milano, Italy

Tel: +39-02-64672-243

Istanbul, Turkey

Tel: +90-212-437-8101(115)

MIDDLE EAST

Dubai, U.A.E.

Tel: +971-4-245-1400



www.lotteadms.com



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