**COMPANY INTRODUCTION 2025** 



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# ABOUT ANG

# Samyang is always by your side.

Samyang Group is creating a future growth engine through its specialty business and global market expansion.



#### PURPOSE

## Beyond life's potential, Innovate the future

One hundred years ago, Samyang was born to meet the needs of the time. Our next hundred years will go way beyond that, to explore new possibilities and shape future lifestyles for those we serve.

With the best of openness and creativity, we will unlock the infinite potential of life.

#### Samyang Group

#### **Business Areas**

Samyang is in all walks of life, from food to chemicals, biopharmacy, and even packaging.

• Chemical KRW 2.7T

Engineering Plastics | Ion-Exchange Resins Personal Care Materials | Semiconductor Materials Eco-Friendly Materials

- Food KRW 1.6T Food Logistics | Hangover Cure Products, Cosmetics (B2C)
- Packaging KRW 0.5T

Aseptic Filling | PET Bottle Recycling | PET Bottles

Biopharmacy KRW 0.2T

Medical Devices | Pharmacy | New Medicine



#### SAMYANG

## **VISION 2030**

#### Vision

A global partner changing the future of humanity through specialty materials and solutions



Growth	Chemical	Food	Packaging	Biopharmacy
drivers	Semiconductor /Eco-friendly / Personal care material	Sugar reduction / Fiber/ Frozen dough	Aseptic / Recycling	Global Suture / CDMO / mSENS

#### Samyang Group

#### SAMYANG

## History

A century of passion, Samyang's 100-year history

<b>1924</b> Established Samsu Company 1931, Renamed 'Samyang corporation'		first pr scholar	939 stablished Korea's irst private cholarship foundation angYong Foundation		Completed construction of Ulsan Comple		<b>69</b> mical Business pleted construction of u polyester plant	
•	<b>1979</b> <b>Packaging Busi</b> First to produce PET be		<b>1996</b> <b>Pharmaceut</b> <b>Business</b> Completed constr Daedeok pharmad	uction of	<b>2011</b> Holding company Established Samyang Holdi		2015 Samyang Packaging entered the aseptic business Merged Asepsys Global	
2017 Personal ca materials Bu Acquired KCI	re raw Acq usiness mat	D21 uired a set erial comp	miconductor Dany	2023 Acquired chemical Acquired US V	•		Anniversary of ng Group	

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#### Samyang Group

#### **Domestic Business Sites**

HQ	Samyang Group HQ   Staff, Chemical, Packaging
R&D	<ul> <li>2 Chemical R&amp;D Center</li> <li>3 Samyang Discovery Center   Food, Bioparmacy</li> </ul>
Chemical	<ul> <li>4 Jeonju EP Plant (Samyang corp.)</li> <li>5 Jeonju Plant (Samyang Kasei)</li> <li>6 Yeosu Plant (Samnam)</li> <li>7 Gunsan Plant (Samyang Innochem)</li> <li>8 Gunsan Plant (Samyang Fine Tech.)</li> <li>9 Daesan Plant (Samyang KCl)</li> <li>10 Sihwa Plant (Samyang KCl)</li> <li>11 Jeongan Plant (Samyang NC Chem)</li> <li>12 Gongju Plant (Samyang NC Chem)</li> </ul>
Food	<ul> <li>Incheon Plant 1 (Samyang Corp.)</li> <li>Incheon Plant 2 (Samyang Corp)</li> <li>Asan Plant (Samyang Corp.)</li> </ul>
Biopharmacy	<ul> <li>18 MD Plant (Samyang Holdings)</li> <li>19 Pharmaceutical Plant</li> <li>20 Gongju Plant</li> </ul>
Packaging	<ul> <li>21 Gwanghywon Plant (Samyang Packaging)</li> <li>22 Jincheon Plant (Samyang Packaging)</li> <li>23 Daejoen Plant 1 (Samyang Packaging)</li> <li>25 Sihwa Plant (Samyang Ecotech)</li> </ul>

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#### **Overseas Business Sites**



# CHEMICAL BUSINESS

# We develop high value-added materials and solutions for the high-tech industry

Good materials make good products and good products form the basis of a good life. We develop good materials that form the basis of life to create a more abundant and convenient lifestyle.



Chemical 1 Group	Samyang Corp.	Samyang Kasei	Samyang Innochem	Samnam Petrochemical	Samyang Finetechnology
	Engineering plastics Ion exchange resin Photoinitiator	Polycarbonate	Bisphenol-A (BPA) Isosorbide (ISB)	Terephthalic acid (TPA)	Uniform particle-sized resin
Chemical 2 Group	Samyang KCI	Samyang	NC Chem	VERDANT A SAMYANG COMPANY	
	Cationic surfactant Conditioning polymer	Materials for s Processes	semiconductor Photo, Wet	Amphoteric surfactant Nonionic surfactant	

#### SAMYANG

**Chemical Business** 

#### SAMYANG

## Value Chain

Samyang's chemical unit is expanding its business through vertical integration



#### **Domestic Business Sites**



#### SAMYANG



#### **Overseas Business Sites**



SAMYANG

## Samyang Corporation Chemical business



Establishment	Revenue	Products	Capacity
1021	<b>5/12 O 5</b> //D)///	Engineering Plastics, Ion Exchange Resins,	Engineering Plastics <b>40,000</b> ton / year Ion Exchange Resins
1924	<b>543.9</b> B KRW/ year	<b>Electronic Materials</b>	<b>10,000</b> kl / year

## **Engineering Plastic**

## Engineering plastics are superior to common plastics in terms of transparency, heat-resistance, and mechanical features.

Samyang provides compound products centered on PC, PBT, and TPEE, which are used in electrics/electronics, vehicles, optics, etc.



## Ion Exchange Resin

Ion exchange resin is an insoluble, porous, polymeric compound with an acidic or basic base.

Samyang TRILITE provides full line-up total solutions of ion exchange resin.

#### EDI

#### Electrodeionizer

Eco-friendly water treatment system without wastewater discharge

#### RO

**Reverse Osmosis** Key item for a variety of water treatment processes

IER

#### **Ion Exchange Resin** Leading the development

of ultra-pure and special resins and applied technologies



**Company introduction** 

SAMYANG



## Samyang Kasei

Establishment	Revenue	Products	Capacity
1989	<b>237.6</b> B KRW / year	Polycarbonate	<b>120,000</b> ton / year

## Polycarbonate

Polycarbonate is one of the five engineering plastics

Polycarbonate is transparent and highly heat-resistant, and it is a material with excellent mechanical features used extensively in electrical and electronics parts, automobile parts.





## Samyang Innochem

EstablishmentRevenueProductsCapacityBPABPABPABPABPABPA (Bisphenol-A)180,000 ton / yearBPABPA (Bisphenol-A)ISB (Isosorbide)

## BPA

**Bisphenol-A** 

## BPA is used as the main raw material of polycarbonate and epoxy resins

BPA is a colorless crystal that is produced as a condensation reaction of phenol 2 mol and acetone 1 mol, and it is used as a raw material of polycarbonate resin, epoxy resin.



### ISB

Isosorbide

#### ISB is a biomass-based eco-friendly material which is carbon-neutral compared to petroleum materials

ISB is an eco-friendly plastic material based on food and chemical convergence technology that contains 100% biomass content.



**Company introduction** 

## Samyang Fine Technology



Revenue	Products	Capacity
<b>55.9</b> B KRW / year		<b>20,000</b> kl / year
	<b>Revenue</b> <b>55.9</b> B KRW / year	UPS Ion exchange

## **UPS Ion Exchange Resin**

UPS Ion Exchange Resins for high-purity water treatment of semiconductors, LCDs, etc.

Next-generation UPS ion-exchange resins with uniform sized grains are used in various fields, such as production of ultrapure water for semiconductors, OLED and LCD as well as separation and purification for food/pharmaceuticals.

Samyang Fine Technology has localized UPS ion-exchange resins that once depended on batch import.



## Samnam Petrochemical



Establishment	Revenue	Products	Capacity
1988	<b>1097.9</b> B KRW / year	ΤΡΑ	<b>1,500,000</b> ton / year
1988	<b>1097.9</b> B KRW / year	ΤΡΑ	<b>1,500,000</b> ton / year

## TPA

**Terephthalic Acid** 

## TPA is used as raw material for engineering plastics and polyester fiber.

TPA, which is produced with paraxylene as its main raw material, is used as raw material for polyester fiber, resins, film, and engineering plastics.

Samnam Petrochemical has the capacity to produce 1.5 million tonnes per year.





## Samyang NC Chem

EstablishmentRevenueProductsCapacity2008RevenuePhoto, Wet<br/>Processing<br/>Materials3,200 ton / year

#### Main product

#### SAMYANG

## Materials for semiconductor photolithography

They are fine chemical materials used for the semiconductor Photo Process and are based on synthesis and refining technologies.

#### Polymer

#### Monomer

- Polymer used in KrF/ArF/EUV
- Polymer used in BARC
- Polymer used in SOH

- PAG used in KrF/ArF/EUV
- Monomer used in SOH
- Additive used in photolithography



# Materials for semiconductor wet processing

They are materials used for the semiconductor Wet Process and are mandatory materials for the yield and defection improvement of each process.

- Intermediates of materials for wet processing (Cleaner)
- Toll manufacturing of materials for wet processing
- Purification of materials for semiconductor fabrication



**Company introduction** 

SAMYANG



## Samyang KCI

Establishment	Revenue	Products	Capacity
1991	<b>110.2</b> в KRW / year	Surfactant Thickeners, Conditioning Agents, etc.	<b>18,000</b> ton / year

## **Personal Care Ingredients**

Samyang KCI's naturally derived cationic surfactants and conditioning polymers are key materials for hair care and skin protection. They can be used for various personal care products. High functional naturally-derived cationic surfactants are hypoallergenic raw materials with low skin permeation. Conditioning polymers are excellent in protecting the characteristics of hair and skin and can be used for various personal care products.





## Verdant a Samyang Company

Establishment Revenue Products Capacity 2021 256.9 B KRW / year Surfactants 258,000 ton / year

## **Specialty Surfactants**

Verdant Specialty Solutions is a global specialty chemical firm headquartered in Texas, USA. It produces cationic surfactants for personal care purposes and nonionic surfactants for industrial purposes, such as oil and gas. Verdant has about 1,000 clients worldwide, including global personal care brands like Unilever and L'Oreal.



# FOOD BUSINESS

# Solution partner creating healthy & pleasant food culture

As the emerging global solution provider in the health and nutrition area, we develop high added-value food ingredients and offer first-rate food service distribution and consumer goods.





Food, Consumer Goods





Food Ingredient Distribution



Nexweet<sup>®</sup> Fiberest<sup>®</sup>

Specialty Materials



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Hangover Cures

**Food Business** 

#### **Domestic Business Sites**



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SAMYANG

## Samyang Corporation Food business



EstablishmentRevenueProductsCapacityLabel StablishmentFood ingredients<br/>and Consumer<br/>Goods,<br/>Food Ingredients<br/>DistributionSugar, Xylose Sugar19241τ 586.3 B KRW/yearSpecialty Materials<br/>DistributionSpecialty Materials<br/>25,000 ton/year

## **Food Ingredients**

Samyang supplies food ingredients used as major/minor ingredients of all food. Based on its no.1 production and R&D abilities, Samyang pursues to become a Total Solution Provider that supplies customer-tailored ingredients.

Sugar	Starch Sugar	Starch
<ul> <li>White/brown/black sugar</li> <li>Granulated sugar, fine sugar, powdered sugar</li> </ul>	<ul> <li>glucose</li> <li>Oligosaccharide</li> <li>Allulose</li> <li>Sugar alcohol</li> </ul>	<ul><li>Food purposes</li><li>Industrial purposes</li></ul>
Flour	Pre-mix/Homemade mix	Oils
<ul> <li>Strong flour, medium flour, weak flour</li> </ul>	<ul> <li>Food company, franchise purposes</li> </ul>	<ul> <li>Margarin</li> <li>Shortening</li> <li>Refined oil</li> </ul>
# **Specialty Ingredients**

Specialty ingredients and products based on food biotechnology are functional products with differentiated effects.



### Allulose

- Next-generation 0kal sweetener
- 70% sweetness compared to sugar
- Fresh sweetness





# **Food Ingredient Distribution**

Based on ingredient specialty and infrastructure, Serveq offers various products and services in bakery, Western food, and cafés.

Qone Products	Global Brand Products	Frozen Baked Goods	Serveq PB Products
<ul> <li>Sugar, high-intensity sweetener</li> <li>Strong/medium/weak flour, prepared mix</li> <li>Starch, oligosaccharide, allulose</li> <li>margarin, shortening, liquid oil,</li> </ul>	<ul> <li>Sources products through partnerships with global leading companies worldwide</li> <li>Image: Sources worldwide</li> </ul>	<ul> <li>Produces and sells frozen baked goods using Samyang's ingredients</li> <li>Exclusively distributes and sells Europe's traditional premium frozen baked goods in Korea</li> </ul>	<ul> <li>Selects reliable manufacturers through strict audits</li> <li>Food research and customer- tailored differentiated recipes</li> </ul>
etc.			

### **Consumer Goods**

Samyang provides various products to approach customers based on superb R&D capabilites acquired from its long history of research on food ingredients.



# BIOPHARMACEUTICAL BUSINESS

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# Healthcare solutions for a higher quality of life

Samyang offers new special solutions for a healthy lifestyle, the root of a happy life.



### **Medical Devices**

Develops and sells differentiated medical devices using bioresorbable materials

### Pharmaceuticals

**New Medicine** 

Contains anticancer drugs with excellent quality, developed with its proprietary technologies

Develops a differentiated gene transfer technology that can be used for various treatments

# **Domestic and Overseas Business Sites**



# Samyang Holding Biopharm Group



Establishment	Revenue	Products	Capacity
			Suture Material
			234,060 km / year
		Anticancer Drug,	Anticancer drug
2011	<b>149.6</b> B KRW / year	Surgical Suture	<b>414,820</b> ton / year

# **Pharmaceuticals** | Oncology Products

Samyang supplies world-renowned solid anticancer drugs with excellent quality to all countries of the world.

Genexol	Genexol PM	Nonoxel M
API Paclitaxel Indication Ovarian cancer, Breast cancer, Lung cancer	API Paclitaxel Indication Breast cancer, Lung cancer, Ovarian cancer	API Docetaxel Indication Breast cancer NSNLC, Prostate cancer Ovarian cancer, Head and Neck cancer
Stomach cancer Pemed S	Nexatin	Everose
API Pemetrexel	API Pxaliplatin	API Everolimus
Indication NSNLC	Indication Colorectal cancer, Rectal cancer, Stomach cancer	Indication Breast cancer, NETs

# **Pharmaceuticals** | Oncology Products

Samyang succeeded in developing differentiated products required for treating blood cancer.

### Lenalid

API Lenalidomide

Multiple myeloma

### Protezomib

API Bortezomib trimer

Indication Multiple myeloma



### Azalid

**API** Azacitidine

Indication Myelodysplastic syndrome, acute myelogenous leukemia



Decilid

Decitabine

Indication Myelodysplastic syndrome, acute myelogenous leukemia



### Bendalid

**API** Bendamustine

Indication Follicular lymphoma, Multiple myeloma, CLL



# **Pharmaceuticals** | Transdermal Patches

Patches allow APIs to transfer to the cyclical blood stream in the entire body via skin.

### **Nicostop Patches**

API

Nicotine

Indication

Smoking cessation



### **Rheumastop Plaster**

API

Diclofenac

**Indication** Pain and inflammation



# **Pharmaceuticals** | Active Pharmaceutical Ingredient (API)

Samyang offers Paclitaxel and anticacner drug APIs through culturing of plant cells.

Paclitaxel	Docetaxel
IndicationsBreast cancer, ovarian cancer, NSCLCCharacteristicPlant Cell Culture	IndicationsBreast cancer, NSCLC, esophageal cancer, ovarian cancer, H&N cancerCharacteristicSemi-Synthesis
Pemetrexed	Bortezomib

# **Medical Devices**

### Suture

#### **Monofix**<sup>®</sup>

- Absorbable barbed sutures
- PDO, PGCL



#### Neosorb® Plus+

- Absorbable antimicrobial sutures
- Contains antimicrobial substance (CHA)
- PGLA (90/10)



### **Biosurgery**

### **SurgiGuard**®

- Topical Absorbable Hemostatic Agent
- Biodegradable oxidized regenerated cellulose (ORC)<sup>1)</sup> 1) Oxidized Regenerated Cellulose

### InterGuard<sup>®</sup>

- Deep cavity wound dressing
- Biodegradable oxidized regenerated cellulose (ORC)

### Q-Guard<sup>®</sup>

- Topical Hemostatic Dressing
- Dressing/gauze containing Kaolin
- X-ray recognizable



### Lafullen®

**Aesthetics** 

**Croquis**<sup>®</sup>

Lifting

Polydioxanone (PDO)

Polycaprolactone (PCL)

**Effects/Benefits** Temporary improvement of Nasolabial folds







# R&D

Medical Devices		Medicine		New Medicine	
ہی Wound Management	Medical Aesthetics	広 <sup>令</sup> Modified Drugs	년 DTM <sup>1)</sup> Generic drugs	လိုက် လျှင်း acid Delivery systems	Gene therapy Drus
Wound management and research on medical aesthetics products based on manufacturing skills of bioabsorbable high molecular substances		Development of differentiated generic oncology injections and modified drugs based on solubilization and nanotechnology 1) DTM: Difficult To Make		Development of Samyang's exclusive nucleic acid delivery platform and medicine	

# PACKAGING BUSINESS

# The Best Beverage & Packaging Solution Provider

Good materials make good products, and good products form the basis of a good lifestyle. Samyang spearheads the domestic market in all areas of PET packaging, including aseptic, preform, and beverage OEM.

It offers the pleasure of enjoying delicious beverages anywhere, anytime.



# Aseptic FillingPET RecyclingPET BottleProduction of ultra-high<br/>temperature aseptic beverageSolves environmental pollution<br/>caused by waste PET bottlesFood & beverage packaging<br/>materials with pressure-<br/>resistance, heat-resistance,<br/>transparency, and hyginene<br/>property

### SAMYANG

**Packaging Business** 

# **Domestic Business Sites**







# Samyang Packaging

EstablishmentRevenueProductsCapacity2014RevenuePersonPersonPerson2014462.2 BKRW/yearPersonPersonPerson

# **PET Preform**

- Injection molded intermediate product for PET container manufacturing
- Various neck type, weight, etc.
- Multi-layer preform with high oxygenblocking property

# **PET Bottle**

- High-Resistant Bottle
- Heat and Pressure-Resistant Bottle
- Pressure-Resistant Bottle
- Normal Pressure Bottle

# Aseptic Beverage

- An aseptic filling system that immediately cools and fills the beverage in an aseptic condition after suddenly sterilizing at a high temperature
- Preservation of the unique taste and flavor of the beverage
- Minimization of nutrient loss
- Extension of the expiration date









# Samyang Ecotech

**Establishment** 

Revenue

Production of high-purity fiber recycling raw materials for food packaging

#### Products

PET Flake, Recycling chip

### Capacity

9,300 ton / year



Main product



**RECOPET** is Samyang Eco Tech's recycled material brand that protects the environment and contributes to the virtuous cycle of recycling waste into quality materials



# OTHERS

### About Me

### Clean beauty just for me, About Me

A clean beauty brand that polishes natural ingredients and delivers high quality products



# $Medi\bar{\bar{\Lambda}}nswer$

### Science of different depth, MediAnswer

A dermo-biocosmetic brand that combines Samyang Biopharm's technology with dermatological expertise



**IT Business** 

SAMYANG



# Samyang Data System

Establishment

Revenue

1995

78.3B KRW / year

**Services** 

### Group IT Support, External IT Business

# Samyang Data System Business

### **Group Support**

### **Operation and development of application**

Group application (ERP, CRM, Portal, HR, MES, BI, etc.)

### **Operation and development of IT infrastructure**

Group IT infrastructure resources (H/W, N/W) management, operation and construction



### **External Business**

### **IT Service**

Public manufacturing, finances, services, cloud business

### Solutions

Development and construction of HR, mobile solution

