

Product list

Category	Product Name	Molecular Formula	CAS No.	Characteristics
Basic chemicals	Polysilicon	Si	7440-21-3	Dark-grey chips or chunks, 10-nine and 11-nine purity
	Hydrogen peroxide	H ₂ O ₂	7722-84-1	Colorless liquid
	Sodium percarbonate (Sodium carbonate peroxyhydrate)	2Na ₂ CO ₃ ·3H ₂ O ₂	15630-89-4	White powder
	35% H ₂ O ₂	H ₂ O ₂	7722-84-1	Colorless liquid
	Phosphoric acid	H ₃ PO ₄	7664-38-2	Colorless liquid, 75% and 85% purity
	Electronic, Catalyzing, Chemical reagents		4109-96-0	
	Pharmaceutical ingredients		1590-87-0	
	Fumed silica	SiO ₂	7631-86-9	White powder, >99.8% purity
	High purity silicon tetrachloride	SiCl ₄	10026-04-7	Colorless liquid
	Caustic soda, Sodium hydroxide	NaOH	1310-73-2	Colorless liquid, >50%, 32.8%-33.2%, >25% purity
	Hydrochloric acid	HCl	7647-01-0	Colorless or light-yellow liquid, 35%-36% purity
	Sodium hypochlorite	NaOCl	7681-52-9	Greenish-yellow liquid, >12.6% purity
	Calcium chloride	CaCl ₂	10043-52-4	White solid crystalline powder, 74%
	Vinyl acetate monomer	C ₄ H ₈ O ₂	108-05-4	Colorless liquid
	Sodium aluminosilicate	Na ₂ O 2SiO ₂ Al ₂ O ₃ 4.5H ₂ O	1318-02-1	White powder
	Silica sand	SiO ₂	7631-86-9	Colorless or white solid
	Sodium sulphate anhydrous	Na ₂ SO ₄	7757-82-6	Odorless white hygroscopic powder
	Acetic acid	CH ₃ COOH	64-19-7	Colorless liquid
	Soda ash, Sodium carbonate	Na ₂ CO ₃	497-19-8	Odorless white powder
	Sodium chlorite	NaClO ₂	7758-19-2	Light-yellow liquid
	Ammonium chloride	NH ₄ Cl	12125-02-9	Odorless white powder
	Urea	CO(NH ₂) ₂	57-13-6	Colorless or white solid (or liquid)
	Refined salt	NaCl	7647-14-5	Odorless solid
	Sodium hydrosulfite	Na ₂ S ₂ O ₄	7775-14-6	White powder
	PVA (Polyvinyl alcohol)	(C ₂ H ₃ O) _n	9002-89-5	Odorless white powder
	Sodium bicarbonate	NaHCO ₃	144-55-8	Odorless white powder
	Slim rod	Si	7440-21-3	Ingot of 8.3 mm diameter and 2,400 mm length, >99% purity
	Ingot	Si	7440-21-3	Ingot of 190 mm diameter and 2,700 mm length, >99% purity
	Wafer	Si	7440-21-3	Thin slabs of silicon sliced from silicon ingots, >99% purity
	Silicon metal	Si	7440-21-3	Grey metallic solid, >99% purity
	BPMC (2-sec Butyl phenyl methyl carbamate, Fenobucarb)	C ₂₂ H ₃₁ NO ₂	3766-81-2	Light-yellow liquid, >96% purity
	Frit, Composition, Printing powder		7783-82-6	Granules and powder
	Stain		7631-86-9	Powder
	Medium	Si	3766-81-2	Viscous liquid
	Petrochemicals & Carbon materials	Carbon black	C	1333-86-4
TDI (Toluene di-isocyanate)		CH ₃ C ₆ H ₄ (NCO) ₂	91-08-07	Colorless liquid, 1.22 g/cm ³ density
Naphthalene		C ₁₀ H ₈	91-20-3	Colorless solid, 95% purity
Isoquinoline		C ₉ H ₇ N	119-65-3	Colorless or light-yellow oil, 98% purity
Indene oil		C ₉ H ₈	95-13-6	Light-tan oil, 50% purity
Xylenol		(CH ₃) ₂ C ₆ H ₄ OH	1300-71-6	Colorless or light-tan oil, 80% purity
Quinoline		C ₈ H ₇ N	91-22-5	Colorless or light-yellow oil, 98% purity
Cresol		C ₇ H ₈ O	108-39-4	Colorless or light-pink oil, 70% purity
Phenol		C ₆ H ₆ O	108-95-2	Colorless or light-pink oil, 95% purity
Pitch		-	65996-93-2	Black solid
Wash oil		C ₁₁ H ₁₀	91-57-6	Yellowish-brown oil, 30% methylnaphthalene
Plasticizer (DOP)		C ₂₄ H ₃₈ O ₄	177-81-7	Colorless liquid
Phthalic anhydride		C ₈ H ₆ O ₃	85-44-9	Colorless solid
Benzene		C ₆ H ₆	71-43-2	Colorless or light-yellow aromatic compound
Aromatic polyester polyol		(C ₁₂ H ₁₀ O ₂) _n	32472-85-8	Light-brown liquid
Mixed xylene		C ₈ H ₁₀ (CH ₃) ₂		Colorless or light-yellow aromatic compound
Toluene		C ₇ H ₈ CH ₃	108-88-3	Colorless or light-yellow aromatic compound
Carbon black oil			8001-58-9	Yellowish-brown oil
Creosote			8001-58-9	Yellowish-brown oil
Decant oil		C ₈ H ₈ CH ₃	71-43-2	Highly volatile colorless liquid, 60% benzene/ 40% toluene
Energy solutions & Others	Solar PV energy development and operation			
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	Solar cells and modules			
	Solar trackers			
	Electricity, Steam			
	Fumed silica vacuum insulation panel			Ultra-high-efficiency insulation material
	Automotive catalyst			
	Dehydrogenation catalyst			
	Chloroplatinic acid crystal			
	Fuel-cell catalyst			

Key Applications	Company	Plants
Key material for solar cells and semiconductor wafers	OCI	Gunsan, Korea
Bleach, disinfectants	OCI / Philko Peroxide	Iksan, Korea / Makati City, Philippines
Bleach, disinfectants	OCI / OCI Alabama	Iksan, Korea / Alabama, USA
Bleach, disinfectants	OCI	Iksan, Korea
Semiconductor metal-surface finishing, additives	OCI	Gunsan, Korea
	OCI	Incheon, Korea
	OCI	Incheon, Korea
Filling and reinforcing agent for sealants, rubber goods, and paints; slurry, insulation	OCI / Tangshan OCI Sunfar Chemical	Gunsan, Korea / Tangshan, China
Fumed silica, optical fiber, quartz	OCI	Gunsan, Korea
Fiber cleaners, food seasonings, pharmaceutical	OCI	Gunsan, Korea
Wastewater treatments, catalysts, solvents	OCI	Gunsan, Korea
Bleach, dyes, pigments	OCI	Gunsan, Korea
Deicing agent, desiccant, accelerator, road surfacing, food additives	OCI	Incheon, Korea / Trading business
Paint, PVA, EVA, adhesive	OCI	Trading business
Detergents, cleaner, softner	OCI	Trading business
Glass, casting material	OCI	Trading business
Glass, detergents, dyes, pulp, pigments, pharmaceuticals	OCI	Trading business
Vinyl acetate, VAM, PTA	OCI	Trading business
Glass, soap, detergents, food processing, textiles, paper, chemicals	OCI	Trading business
Bleach, disinfectant, oxidant, chemical reagent	OCI	Trading business
Spent catalyst, solvent, food additives	OCI	Trading business
Coagulant, accelerator, solvent, dyes, desiccant	OCI	Trading business
Food additives, fabric dyes	OCI	Trading business
Oxidizer, reducer, bleach	OCI	Trading business
Adhesive, emulsion stabilizer, binder, thickening agent	OCI	Trading business
Food additives, feed, leather, pharmaceuticals, baking powder, soap	OCI	Trading business
Seed material for polysilicon manufacturing	OCI Specialty	Cheonan, Gongju, Korea
Basic material for silicon wafers	OCI Specialty	Cheonan, Korea
Solar cells	OCI Specialty	Gongju, Korea
Polysilicon, organic silicon, additives for aluminum alloys	Elpion Silicon	Banting, Malaysia
Carbamate insecticide for rice and cotton crops	OCI Vietnam	Binh Duong, Vietnam
Glaze for tile and ceramics	OCI Ferro	Ansan, Korea
Pigment for tile and ceramics	OCI Ferro	Ansan, Korea
Printing powder	OCI Ferro	Ansan, Korea
Pigment and reinforcing agent for rubbers, inks, and electrical insulation	OCI / OCI-Jiayang Carbon Black	Pohang, Gwangyang, Korea / Shandong, China
Polyurethane products	OCI	Gunsan, Korea
Dye chemicals	OCI / Shandong OCI / Ma Steel-OCI Chemical	Pohang, Gwangyang, Korea / Shandong, Anhui, China
Polyimide film	OCI	Gwangyang, Korea
Cumarone resin	OCI	Pohang, Gwangyang, Korea
Synthetic resins, solvents	OCI	Pohang, Korea
Disinfectants, herbicide	OCI	Gwangyang, Korea
Insecticides, synthetic resins, solvents	OCI	Pohang, Korea
Solvents, phenolic resin	OCI	Pohang, Korea
Binder for aluminum smelting	OCI / Shandong OCI / Ma Steel-OCI Chemical	Pohang, Gwangyang, Korea / Shandong, Anhui, China
Synthetic resins, solvent	OCI / Shandong OCI	Pohang, Gwangyang, Korea / Shandong, China
Petrochemical feedstock	OCI	Pohang, Korea
Petrochemical feedstock	OCI	Pohang, Korea
Petrochemical feedstock	OCI	Gwangyang, Korea
Petrochemical feedstock	OCI	Goedong, Korea
Petrochemical feedstock	OCI	Gwangyang, Korea
Petrochemical feedstock	OCI	Gwangyang, Korea
Carbon black	Shandong OCI	Shandong, China
Carbon black, wood preservatives	Shandong OCI	Shandong, China
Synthetic resins	Shandong OCI	Shandong, China
Utility-scale solar PV plant construction, operation and electricity sales	OCI Solar Power	Texas, USA
Distributed solar PV plant construction, operation and electricity sales	OCI Solar (China)	Jiaxing, Hongze, Wuxi, Yantai, China
Solar cell and solar module manufacturing	Mission Solar Energy	Texas, USA
Dual-axis solar tracker manufacturing	Sun Action Trackers	Texas, USA
	OCI SE	Gunsan, Korea
Insulation for refrigerators, buildings, and industrial applications	OCI	Iksan, Korea
CO, HC and NOx emissions reduction for gasoline and diesel vehicles	Ordeg	Onsan, Korea
Platinum catalyst for converting propane to propylene	Ordeg	Onsan, Korea
Feedstock for platinum compounds	Ordeg	Onsan, Korea
Catalyst for fuel cells	Ordeg	Ansan R&D Center, Korea