



盈睿新材料

YINGRUI NEW MATERIALS **有机硅**



山东盈睿新材料有限公司

Shandong Yingrui New Materials Co., Ltd

Fumed Silica and Silane Manufacture



COMPANY INTRODUCTION

Shandong Yingrui New Material Co., Ltd., as the export branch of Ningxia Futael Silicon Industry Co., Ltd., is mainly committed to the export of organic silicon products such as fumed silica, silane coupling agent, silicone powder, and other silicone materials. Fumed silica annual capacity is 10,000.00MT, silane coupling agents annual capacity is 50,000.00MT, trichlorosilane annual capacity is 200,000.00MT, silicon tetrachloride annual capacity is 40,000.00MT, and silicon powder annual capacity is 60,000.00MT.

Our Advantage

Every day more customers choose Yingrui because we are committed to providing stable quality, professional technology and excellent service.

Mission:

Provide stable quality chemicals to global customers.

Version:

To be linker of customers and manufacture, where together we create mutual enduring value

Values:

Development: Embrace continuous improvement.

Integrity, Form open and honest relationships based on trust.

Professionals, Understand customers and markets well.

Health & Safety, Focus on the safety of our employees and our communities

Fumed Silica (Hydrophilic Type and Hydrophobic Type)

Annual capacity: 10,000.00MT

Futael Brand	Treated	Specific area m ² /g	Application
A-200KR	None	160-180	Medium transparent High transparent silicone sealant
A-200K	None	210-230	Ceramic tile sealant, Gel coat, Unsaturated polyester resin, thermal insulation board
A-60	None	230-260	Silicon compound, Liquid silicon rubber
A-300	None	290-330	Coatings, Silicone compound, Liquid silicon rubber
A-380	None	360-390	Coatings, Silicone compound, Liquid silicon rubber
R-1972	DDS	90-150	Adhesive, coating, ink, resins
R-1974	DDS	150-190	Industrial coating, plastic coating, coil coating
R-1202	PDMS	70-120	Adhesive, Silicon sealant, coating, copier toner, cable clue, epoxy resin, vinyl resin and gel coat
R-1208	PDMS	90-140	Adhesive, Silicon sealant, coating, copier toner, cable clue, epoxy resin, vinyl resin and gel coat.
R-1812	HMDS	240-280	Powder coating, mixed power materials, coating and ink.
R-1805	OCTMD	130-170	Powder coating, epoxy resin, PU resin, vinyl resin, adhesive.

Silane Coupling Agent/Crosslinking Agent

Annual capacity: 50,000.00MT

Application: Widely be used for PE cable masterbatch, coating, ink, adhesive and compounding materials.

Chloropropylsilane Coupling Agent	CAS NO.	Vinyl Silane Coupling Agent	CAS NO.
Chloropropyltrichlorosilane γ 1	2487-90-3	Vinyltrichlorosilane FR150	75-94-5
Chloropropyltrimethoxysilane M- γ 2	2530-87-2	Vinyltriethoxysilane FR151	78-08-0
Chloropropyltriethoxysilane E- γ 2	5089-70-3	Vinyltrimethoxysilane FR171	2768-02-7
Amino Silane Coupling Agent	CAS NO.	Methylacryloxy SilaneCoupling agent	CAS NO.
3-Aminopropyltrimethoxysilane FR540	13822-56-5	3-Methacryloxypropyltrimet hoxysilane FR570	2530-85-0
3-Aminopropyltriethoxysilane FR550	919-30-2	Epoxy Silane Coupling Agent	CAS NO.
N-[3-(Trimethoxysilyl)propyl]ethylenedia mine FR792	1760-24-3	3-Glycidoxypropyltrimethoxy silane FR560	2530-83-8

Trichlorosilane (content $\geq 99.9\%$)

Annual capacity: 200,000.00 MT

Application:Used for the synthesis of organosilane and alkyl, aryl and organofunctional chlorosilanes.

Basic monomer in organosilane coupling agents, and also is the raw material for the production of semiconductor silicon and monocrystalline silicon.

Widely used in fine chemicals, silicone industry, electronic products, optical fiber communications and other industries.

Silicon tetrachloride (content: $\geq 99\%$)

Annual capacity: 40,000.00MT

Application: A raw material for the production of fumed silica, silicate esters, silicone oils, high temperature insulating paints, silicone resins, silicone rubber and heat-resistant backing materials.

Silicon Powder

Brand: 441,3303,421. Supply product as customers required specification.

Annual capacity: 60,000.00MT

Insulation Board Model

Annual capacity: 10,000m³

Item	Maximum temperature resistance	Application
FT-1000	1000°Cmax	Steel, Elevator fire door
		Various thermal kilns, mainly ceramic kilns
		Petrochemical Cracking Furnace
		Dash Cam, Black Box, Safe box
		Power plants and other industry pipelines
		non-ferrous metals, car engine parts, rotary kiln
FT-800C	850°Cmax	aluminum industry, home appliances
		Electric Vehicle Thermal Management
VIP-80	-80-100°C	cold chain transportation
		architecture
		Electric Vehicle Thermal Management
		refrigerator

Synthetic Resin

Aldehyde Resin YR-81, YR-81HC	Color paste, baking finish, adhesive, etc.
Ketone Resin(High hydroxyl value)	Printing ink, paints, varnish,
Chlorinated Polypropylene	Printing ink, adhesive for BOPP, PE, Industrial Coating, Toy coating.
Polyamide Resin	Printing ink
CAB (Cellulose Acetate Butyrate)	Automotive coatings, can coatings, nail care and printing ink
Solid Acrylic Resin	Coatings and ink
PU Resin (Solvent & Water Base)	Coating and ink
Vinyl Copolymer Resin	Coating and ink

Pigment

Aluminum tripolyphosphate	Aluminum dihydrogen triphosphate
Zinc phosphate	Pigment violet 23(crude type)



Photo initiator

Yinitor BP	119-61-9	As a photo initiator in UV-curing applications such as inks, imaging products, clear coatings and printed circuit boards
Yinitor 1173	7473-98-5	initiate the photo-polymerization of chemically unsaturated systems such as a pre-polymer (acrylates) in combination with mono- or multifunctional monomers.
Yinitor 184	947-19-3	Initiate the UV polymerization of chemically unsaturated pre-polymers (e.g. acrylates) in combination with mono- or multi-functional vinyl monomers and oligomers.
Yinitor TPO	75980-60-8	Screen Inks, Lithographic Inks, Flexo Inks Wood Coatings
Yinitor PBZ	2128-93-0	Used in various UV curable systems, like UV coatings and inks. Its performance can be significantly improved if combined with amine synergists



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