

Aluminum Pigment



High Performance Solvent-based Aluminum Pigment - Fine Silver S0 Series

Product Introduction

This series of aluminum pigments are prepared by special technology, with high whiteness and very good hiding power, and a fine and smooth surface. According to different characteristics and requirements, they are divided into Leafing Anti-corrosion Type, Universal Leafing Type, High brightness Type, White and Brightness Type, Aluminum pigment for Masterbatch. Which are mainly used in mobile phone case paint, toy paint, motorcycle paint and other industries paint.

Leafing Anti-corrosion Type S01

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S0112	63±2	12	0.1	1.40	MS/HA	Steel structure/ship anticorrosion/hammer paint/ printing ink/reflection coatings
S0114	63±2	14	0.1	1.41	MS/HA	Steel structure/ship anticorrosion/hammer paint

Universal Leafing Type S02

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S0208	63±2	8	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys/automotive refinisn/general industrial coating/marine coating/printing ink
S0210	63±2	10	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys/automotive refinisn/general industrial coating/marine coating/printing ink

High Brightness Type S03

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S0315	63±2	15	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0316	63±2	16	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0317	65±2	17	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys

High Performance Solvent-based Aluminum Pigment - Fine Silver S0 Series

White And Brightness Type S04

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S0410	65±2	10	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0414	66±2	14	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0416	65±2	16	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0418	65±2	18	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0420	65±2	20	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys

Masterbatch Type S05

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S0505	60±2	5	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0506	62±2	6	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys
S0507	62±2	7	0.1	1.42	MS/HA	Mobile phone case paint/motorcycle paint/toys

High Performance Solvent-based Aluminum Pigment - Shinning S1 Series

Product Introduction

This series of aluminum pigments have unique glittering, bright and angle-dependent color effects. According to the shape, thickness, regularity of the scales, the absorption and reflection of light are different, and they are divided into two types: strong flash type and silver dollar type. They are mainly used in various metallic flash paints for engineering machinery, power tools, bicycles, motorcycles, automobiles, etc., and can also be used in coatings for plastics and wood products.

Strong Flash Type Aluminum Pigment S11

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S1120	72±2	20	0.3	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1125	72±2	25	0.3	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1130	72±2	30	0.1(250mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1138	72±2	38	0.1(225mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1150	72±2	50	0.1(150mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1160	72±2	60	0.1(150mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings

High Performance Solvent-based Aluminum Pigment - Shinning S1 Series

Silver Dollar Type Flash Aluminum Pigment S12

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S1230	75±3	30	0.1(150mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1245	75±3	45	0.1(150mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings
S1250	75±3	50	0.1(80mesh)	1.45	MS/HA	Architectural exterior paints/leather/automotive coatings

High Performance Solvent-based Aluminum Pigment - Leafing S2 Series

Product Introduction

This series of aluminum pigments has very good floating power, can float on the surface of the paint film, can effectively reflect light and heat, and also has excellent hiding power and white brightness, and can produce a mirror effect in a low acid value resin system. It is mainly used in printing inks, plastic masterbatch, self-spraying paints and anti-corrosion coatings, etc.

Standard Type Leafing Aluminum Pigment S21

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Water-covering Capacity	Solvents	Applications
S2113	65±2	13	0.1	18000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2114	65±2	14	1.0	18000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2112	65±2	12	1.0	24000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2118	65±2	18	0.1	25000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches

High-end Type Floating Aluminum Pigment S22

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Water-covering Capacity	Solvents	Applications
S2207	67±2	7	0.1	40000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2213	67±2	13	0.1	42000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2216	67±2	16	0.1	42000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches

High Performance Solvent-based Aluminum Pigment - Leafing S2 Series

Floating Aluminum Pigment For Spray Paint S23

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Water-covering Capacity	Solvents	Applications
S2305	70±2	5	0.1	45000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2308	70±2	8	0.1	35000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches
S2312	70±2	12	0.1	30000	MS/HA	Anti-corrosion coatings, spray paints, printing inks, masterbatches

High Performance Solvent-based Aluminum Pigment - Imitation Electroplating S3 Series

Product Introduction

This series of aluminum pigments combines the advantages of fine silver and flash silver. It has the hiding power and whiteness of fine silver, and the brightness and glittering effect of flash silver. High-quality imitation electroplating aluminum pigments have mirror and chrome plating effects. According to different effects, it can be divided into fine white type, silver dollar type, high-end type and high whiteness type. It is mainly used in automotive coatings, coils, high-end plastic paints, toy paints and ink industries.

Fine White Imitation Electroplating S31

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S3104	60±2	4	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3106	63±2	6	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3108	63±2	8	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3110	65±2	10	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3112	65±2	12	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing

Silver Dollar Imitation Electroplating S32

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S3215	65±2	15	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3216	65±2	16	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3217	67±2	17	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3219	67±2	19	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3220	67±2	20	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing

High Performance Solvent-based Aluminum Pigment - Imitation Electroplating S3 Series

High-end Imitation Electroplating S33

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S3306	63±2	6	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3309	63±2	9	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3310	68±2	10	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3312	68±2	12	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3315	68±2	15	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing

High Whiteness Imitation Electroplating S34

iSuoChem Type	Non-volatile Content (%)	Particle Size D50(μm)	Screen Residue (325 mesh)<%	Specific Gravity	Solvents	Applications
S3410	61±2	10	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3413	65±2	13	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3415	70±2	15	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3417	70±2	17	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing
S3420	70±2	20	0.1	1.42	MS/HA	Coil/Plastic paint/Automotive coating/Printing

Waterbased Aluminium Pigment W Series

Product Introduction

Aluminium is a reactive metallic element and easy to react with water, acid and alkali. It should take special surface treatment when added in aqueous resin system. According to the form of the product, it can be divided into paste, powder and pelletized products. It's widely used in general industrial paints, waterbased inks, automotive paints, etc. No heavy metals and can control nonylphenol, polycyclic aromatic hydrocarbons, plasticizers, benzene series, etc.

W1 Series

W1 series are coated with polymer by special surface treatment, it has good compatibility with waterbased system and excellent metallic feeling. It's widely used in Baking varnish, Wallpaper, Coating, Wine bottle paint etc.

iSuoChem Type	Particle Size D50(μm)	Non-volatile Content (%)	Surface Treatment	Solvent	Package Kg/durm	Application
W1113	13	65	Polymer	BCS/IPA	25	Baking varnish/Wallpaper/Coating/Wine bottle paint
W1118	18	65	Polymer	BCS/IPA	25	
W1123	23	58	Polymer	BCS/IPA	25	
W1130	30	68	Polymer	BCS/IPA	25	

W2 Series

W2 series are coated with SiO₂ by special surface treatment, and have uniform thickness and dense coating. It's widely used in printing ink, baking varnish, plastic paint, automobile original paint and construction paint.

iSuoChem Type	Particle Size D50(μm)	Non-volatile Content (%)	Surface Treatment	Solvent	Package Kg/durm	Application
W2111	11	55	SiO ₂	IPA	25	Baking varnish/Construction paint/Plastic paint/Flexo printing
W2116	16	60	SiO ₂	IPA	25	
W2118	18	60	SiO ₂	IPA	25	Baking varnish/Construction paint/Plastic paint/Flexo printing
W2123	23	65	SiO ₂	IPA	25	
W2130	30	65	SiO ₂	IPA	25	Baking varnish/Construction paint/Plastic paint/Flexo printing
W2148	48	65	SiO ₂	IPA	25	

Waterbased Aluminium Pigment W Series

W3 Series

W3 series are double coated with SiO₂ and polymer material. It has excellent acid and alkali resistance and storage stability. It is especially suitable for exterior architectural paint.

iSuoChem Type	Particle Size D50 (μm)	Non-volatile Content (%)	Surface Treatment	Solvent	Package Kg/durm	Application
W3114	14	55	SiO ₂ +Polymer	BCS	15	Exterior architectural paint
W3126	26	65	SiO ₂ +Polymer	BCS	15	
W3150	50	65	SiO ₂ +Polymer	BCS	15	

W4 Series

W4 series are coated with SiO₂ by special surface treatment, Solvent-free, with excellent weather resistance and moisture resistance. It's widely used in ink, wallpaper printing industries.

iSuoChem Type	Particle Size D50 (μm)	Non-volatile Content (%)	Surface Treatment	Package Kg/durm	Application
W4116	16	≥97	SiO ₂	25	Gravure/Flexo printing
W4130	30	≥97	SiO ₂	25	
W4135	35	≥97	SiO ₂	25	

W5 Series

W5 series are pellets form coated with SiO₂, which is odorless, with excellent dispersibility and storage stability. It's widely used in printing ink.

iSuoChem Type	Particle Size D50 (μm)	Non-volatile Content (%)	Surface Treatment	Package Kg/durm	Application
W5108	8	≥95	SiO ₂	7.5	Gravure/Flexo printing
W5109	9	≥95	SiO ₂	7.5	
W5111	11	≥95	SiO ₂	7.5	
W5116	16	≥95	SiO ₂	7.5	

W6 Series

W6 series are an oil-to-water product with high cost performance. It's widely used in coating, papermaking industries.

iSuoChem Type	Particle Size D50 (μm)	Non-Volatile (Luo)	Hue	Package Kg/durm	Application
W6115	15	>70	Good whiteness and High coverage	25	Coating

Pelletized Aluminum Pigment N Series

Product Description

Pelletized Aluminum pigment N series are designed for inks. It is a kind of aluminum pigment in the form of pellets, which is widely used in ink, so it is called ink silver pellets. Ink silver pellets consists of silver paste, carrier and a small amount of additives, the solid content is up to 95% or more, it is a kind of solid granular aluminum pigment with high solid content, high coverage and high brightness. It is mainly used in gravure ink industry, and can also be used in screen printing, flexographic printing, offset printing, and in spray paint.

iSuoChem Type	Particle Size D50 (μm)	Effective content (%)	Applicable System	Aluminum Shape	Characterization
N1108	8	80-90	Solvent-Based	Cornflake	High coverage and printability
N1116	16	80-90	Solvent-Based	Cornflake	Highly metalized
N1119	10	80-85	Solvent-Based	Cornflake	High coverage Highly metalized
N1112	12	80-85	Solvent-Based	Cornflake	High coverage Highly metalized
N1114	14	80-85	Solvent-Based	Cornflake	High coverage Highly metalized
N1216	16	80-85	Solvent-Based	Cornflake	Highly metalized Average coverage
N1308	8	80-90	Solvent-Based	silver ingot	High coverage Highly metalized
N1310	10	80-90	Solvent-Based	silver ingot	High coverage Highly metalized
N1409	8	70-75	Solvent-Based	Cornflake	High coverage Low odour
N1410	10	70-75	Solvent-Based	Cornflake	Highly metalized Low odour
N1508	8	80-85	Waterbased	Cornflake	Silicone coating High coverage
N1509	9	80-85	Waterbased	Cornflake	Silicone coating Highly metalized High coverage
N1511	11	80-85	Waterbased	Cornflake	Silicone coating Highly metalized
N1516	16	80-85	Waterbased	Cornflake	Silicone coating Highly metalized

Pelletized Aluminum Pigment T Series

Product Description

Pelletized Aluminum pigment T series are designed for plastic. It was made from aluminum paste by removing excess solvent and adding additives, and then extruded into a column with a diameter of 2mm and a length of 8-10mm. The aluminum powder (also known as aluminum flake) in the silver pellets is microscopically in the form of silver ingot or corn flake, with a thickness of 0.1 μm-2 μm, and a diameter ranging from 5-100 μm. 80% of the aluminum content in the silver pellets is aluminum, and the remaining 20% is polymers and additives. Silver pellets in plastics can withstand high temperatures up to 280°C (held for 5 minutes), some models can withstand 300°C.

iSuoChem Type	Particle Size D50 (μm)	Effective Content (%)	Description Aluminum Shape	Characterization
T1106	6	80	High brightness Fine effect Metallic-like effect	<ol style="list-style-type: none"> 1. Good stability, containing very little solvent, small odor. 2. Good dispersion, not easy to clump or be difficult to stir during use, in the plastic dispersion is very uniform. 3. Good compatibility with plastics after full mixing. 4. It can be used together with other inorganic pigments. 5. Safe manufacturing process, no dust, will not cause environmental pollution and bodily injury. 6. Safe transportation, can choose various transportation ways.
T1110	10	80		
T1112	12	80		
T1116	16	80		
T1118	18	80		
T1230	30	80	High Shining High brightness Excellent dispersion	
T1240	40	80		
T1250	50	80		
T1260	60	80		
T1280	80	80		
T12100	100	80		
T1306	6	80	Excellent metallic effect	
T1308	8	80	Upgraded products, high brightness, fine feeling. Suitable for ABS/PC/ABS	
T1310	10	80		
T1314	14	80		

Aluminum Pigment Powder P Series

Product Introduction

Under the background of environmental protection, the output and market scale of powder coatings continue to expand, and the corresponding demand for solvent-free aluminum pigments is also increasing, and is widely used in building materials, household appliances, furniture, 3C and automobiles. iSuoChem develops a full range of aluminum pigment, from flake-shaped leafing aluminum pigment to non-leafing aluminum pigment with various surface treatments (silicon dioxide coated, organic-inorganic double-layer coated, and non-bonding aluminum pigment) which can meet the various needs of the powder coating market.

Silica Coated Aluminum Pigment Powder P11

It is coated with silica, good storage stability, cost-effective

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Aluminum Shape	Performance	Application
P1110	10	97	25	SiO ₂	Silver dollar	General weather resistance, acid and alkali resistance	Home appliances
P1120	20	97	25	SiO ₂	Silver dollar	General weather resistance, acid and alkali resistance	Home appliances
P1135	35	97	25	SiO ₂	Silver dollar	General weather resistance, acid and alkali resistance	Home appliances
P1155	55	97	25	SiO ₂	Silver dollar	General weather resistance, acid and alkali resistance	Home appliances

Leafing Aluminum Pigment Powder P12

With stearic acid coating, the particles can be arranged in parallel and closely on the surface of the coating to produce mirror reflection, and can be used in powder coating that requires a mirror effect.

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Effect	Application
P1204	3000 mesh	95	25	Stearic acid coated	Chrome effect	Fire Hydrant
P1208	2000 mesh	95	25	Stearic acid coated	Chrome effect	Fire Hydrant
P1210	1800 mesh	95	25	Stearic acid coated	Chrome effect	Fire Hydrant
P1212	1500 mesh	95	25	Stearic acid coated	Chrome effect	Fire Hydrant
P1216	1000 mesh	95	25	Stearic acid coated	Chrome effect	Fire Hydrant

High Performance Non-leafig Aluminum Pigment Powder

Double Coated Aluminum Pigment Powder P21

It is organic-inorganic double coated. It is widely used in high-demanded outdoor powder coatings (outdoor building materials, decoration, etc.).

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Aluminum Shape	Performance		Application
P2114	14	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials
P2117	17	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials
P2120	20	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials
P2130	30	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials
P2143	43	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials
P2158	58	97	25	Inorganic + Organic	Silver dollar	Super weather resistant	Acid & alkali resistance	Outdoor building materials

Ultra-dense Coated Aluminum Pigment Powder P22

The ultra-dense silica coating with special gel treatment is used for architectural aluminum profiles, kitchen utensils and other environments with harsh corrosion resistance.

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Aluminum Shape	Performance		Application
P2212	12	97	25	Ultra-dense SiO ₂	Silver dollar	High weather resistance and acid & alkali resistance		Outdoor building materials
P2220	20	97	25	Ultra-dense SiO ₂	Silver dollar	High weather resistance and acid & alkali resistance		Outdoor building materials
P2235	35	97	25	Ultra-dense SiO ₂	Silver dollar	High weather resistance and acid & alkali resistance		Outdoor building materials
P2258	58	97	25	Ultra-dense SiO ₂	Silver dollar	High weather resistance and acid & alkali resistance		Outdoor building materials

High Performance Non-leafling Aluminum Pigment Powder

Densely Coated Aluminum Pigment Powder P23

It's silica densely coated with gel treatment, and it has good stability. It is used for home appliances, outdoor products, kitchen supplies, plastic masterbatches, etc.

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Aluminum Shape	Performance	Application
P2308	8	97	25	Dense SiO ₂	Silver dollar	Good weather resistance, acid & alkali resistance	Outdoor building materials/fitness equipment/water based ink
P2318	18	97	25	Dense SiO ₂	Silver dollar	Good weather resistance, acid & alkali resistance	Outdoor building materials/fitness equipment/water based ink
P2333	33	97	25	Dense SiO ₂	Corn flakes	Good weather resistance, acid & alkali resistance	Outdoor building materials/fitness equipment/water based ink
P2347	47	97	25	Dense SiO ₂	Corn flakes	Good weather resistance, acid & alkali resistance	Outdoor building materials/fitness equipment/water based ink

Free-bonding Aluminum Pigment Powder P24

When added in the dry-mixed free-bonding process, it has excellent dispersibility, high gloss of the paint film, and can also improve the recovery rate.

iSuoChem Type	Particle Size D50 (μm)	Solid Content (%)	Packages (Kg/metal drum)	Surface Treatment	Aluminum Shape	Performance	Application
P2445	45	97	25	Inorganic + Organic	Silver dollar	Super weather resistant, acid & alkali resistant	Outdoor building materials

Resin Coated Aluminum Pigment R Series

Product Introduction

Resin-coated aluminum pigment R series, also known as resin-coated aluminum silver paste and resin-coated silver, have developed with the application and promotion of high-performance coatings (acid and alkali resistance, corrosion resistance, voltage resistance, etc.). Since aluminum is an active amphoteric metal element, it is easy to react with water, acid and alkali. Therefore, when used in systems with special requirements, it must undergo special surface treatment. At present, the company has two coating processes for resin-coated silver: one is polymer resin coating, in which the polymer monomer forms a protective layer on the surface of the aluminum sheet through polymerization; the other is double-layer coating of the aluminum sheet surface with organic + inorganic double-layer coating, giving the aluminum sheet better performance.

Series	Adhesion	Covering Power	Brightness	Voltage	Chemical Resistance
R2 Series	○	◎	◎	○	○
R1 Series	○	○	○	○	○
R3 Series	◎	X	X	◎	◎
R4 Series	○	X	X	○	○

Note:◎ Representative is better
○ Represents good
X Represents average

Resin Coated Standard Aluminum pigment R1

Good hue and whiteness, excellent acid and alkali resistance and voltage resistance. Suitable for ink, paint and coil industries.

iSuoChem Type	Aluminum Sheet Shape	Particle Size D50 (μm)	Solid Content ±2%	Solvent	Alkali Resistance	Package Kg/durm	Application
R1113	Corn flakes	13	55	MS/SN	○	15	Coil/Plastic Paint
R1116	Corn flakes	16	55	MS/SN	○	15	Coil/Plastic Paint
R1208	Silver Dollar Shape	8	57	MS/SN	○	15	Coil/Plastic Paint/Printing
R1211	Silver Dollar Shape	11	55	MS/SN	○	15	Coil/Plastic Paint/Printing
R1213	Silver Dollar Shape	13	55	MS/SN	○	15	Coil/Plastic Paint/Printing
R1217	Silver Dollar Shape	17	55	MS/SN	○	15	Coil/Plastic Paint
R1218	Silver Dollar Shape	18	58	MS/SN	○	15	Coil/Plastic Paint
R1324	Corn flakes	24	58	MS/SN	○	15	Coil/Plastic Paint
R1328	Corn flakes	28	60	MS/SN	○	15	Coil/Plastic Paint
R1332	Corn flakes	32	60	MS/SN	○	15	Coil/Plastic Paint

Resin Coated Aluminum Pigment R Series

Resin Coated High Brightness Aluminum Pigment R2

Compared with the R1 series, the white brightness and hiding power are significantly improved, and the acid and alkali resistance is similar. It is suitable for 3C, ink, and automotive industries with high hue requirements.

iSuoChem Type	Aluminum Sheet Shape	Particle Size D50 (μm)	Solid Content ±2%	Solvent	Alkali Resistance	Package Kg/durm	Application
R2108	Silver Dollar Shape	8	55	MS/SN	○	15	Automotive coatings/3C industry/Printing
R2117	Silver Dollar Shape	17	57	MS/SN	○	15	Automotive coatings/3C industry
R2212	Silver Dollar Shape	12	57	MS/SN	○	15	Automotive coatings/3C industry/Printing

Resin coated High-performance Aluminum Pigment R3

Compared with the R1 series, it has a larger coating volume, slightly lower white brightness and hiding power, and significantly improved acid and alkali resistance. It is suitable for industries with high requirements for chemical properties.

iSuoChem Type	Aluminum Sheet Shape	Particle Size D50 (μm)	Solid Content ±2%	Solvent	Alkali Resistance	Package Kg/durm	Application
R3115	Corn flakes	15	55	MS/SN	⊙	15	3C Industry/Printing
R3108	Silver Dollar Shape	8	55	MS/SN	⊙	15	3C Industry/Printing
R3117	Silver Dollar Shape	17	57	MS/SN	⊙	15	3C Industry
R3124	Corn flakes	24	60	MS/SN	⊙	15	3C Industry

Double-layer Coated Aluminum Pigment R4

After the organic and inorganic double-layer coating, the coating layer is more solid and has excellent solvent resistance. It has better storage performance in the UV system and is not easy to gel. It is more suitable for the UV industry.

iSuoChem Type	Aluminum Sheet Shape	Particle Size D50 (μm)	Solid Content ±2%	Solvent	Alkali Resistance	Package Kg/durm	Application
R4114	Silver Dollar Shape	14	55	MS/SN	○	15	3C Industry/Printing
R4120	Silver Dollar Shape	20	57	MS/SN	○	15	3C Industry/Printing
R4126	Corn flakes	26	60	MS/SN	○	15	3C Industry/Printing
R4138	Corn flakes	38	63	MS/SN	○	15	3C Industry/Printing



Anhui i-Sourcing International Co.,Ltd

ADD: No.612 West Changjiang Road,

Hefei, Anhui, China 230031

Tel: +86-551-62376770

Mobile: +86-13965049124

E-mail: info@ispigment.com

Website: www.ispigment.com

