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METALLIC PIGMENT

■ Zhangqiu Metallic Pigment Co., Ltd.



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COMPANY OVERVIEW

Zhangqiu Metallic Pigment Co., Ltd. was founded by Mr. Liu Enwei in 1987. "Silver Rocket" brand aluminium pigment was exported to more than 40 countries. We own 6 factories in China including 4 for aluminum pigment and 1 for aluminum powder. In 2019, we acquired Suzhou Diamond Metal Powder Co., Ltd. equipment and built 1 bronze powder factory. Now, "Silver Rocket" is the sole manufacturer in China who can produce silver and gold metallic pigment. We are moving to the top of the industry.

Below are our advantages.

- ※Silver Rocket is the manufacturer with more than 30 years production experience.
- ※We have 6 manufacturing plants covering total area of 170,000 square meters.
- ※Aluminum paste and powder production capacity is 20000 tons/Y, bronze powder is 1500 tons/Y.
- ※Many multi-national companies have cooperation with us. Quality is guaranteed.
- ※Own aluminum powder production facilities, produce raw material by ourselves.
- ※Over 50 professional R&D technicians to research new product and provide technical service.
- ※REACH full registration, ISO9001:2015, ISO14001:2015 and OHSAS18001:2007 certified.





SIO2 COATED ALUMINUM POWDER

Characteristics

This series is aluminum powder coated with SiO₂ with narrow particle size distribution, smooth surface and silver-dollar structure. This aluminum powder imparts brilliant metallic effects, strong hiding power possessing reliable stability, oxidation-resistance and weather-resistance ability.

Performance Parameter

Grade	Average Particle Size D50(UM)	Al Content (+/-2%)	Sio2 Content (+/-2%)
ZPC-8081	8	73	25
ZPC-8201	20	73	25
ZPC-8383	38	83	15
ZPC-8504	50	83	15
ZPC-8705	70	83	15

Application: Powder coating, and coating on hardware, plastic, automotive, coil ect.



LEAFING ALUMINIUM POWDER

Characteristics

It adopts dry grinding, which is easy to disperse, good hiding powder and particle size dispersion, the surface is fine and smooth, with strong metallic effect.

Performance Parameter

Grades	Non volatile Content (%)	Average particle Size(um)(D50)	Water covering (min cm ² /g±10%)	Application
ZQ-810	99.6	80	7000	Ink, masterbatch, textile industries, powder coating
ZQ-820	99.6	60	9000	
ZQ-840	99.6	40	12000	
ZQ-860	99.6	30	15000	
ZQ-880	99.6	22	19000	
ZQ-8100	99.6	15	22000	
ZQ-8120	99.6	12	25000	
ZQ-8520	99.6	9	25000	
ZQ-8150	99.6	7	26000-35000	
ZQ-8051	99.6	4-5	≥45000	
ZLG-101	99.0	23	6500	anti-corrosive coatings
ZLG-102	99.5	16	7500	



ALUMINIUM POWDER PASTE FOR AAC

Characteristics

Aluminium powder is produced by dry grinding process. It has the advantages such as high active aluminium content, fast gas generating speed, easy dispersion, and long storage time. In addition, the particle size distribution can be controlled or adjusted based on different formula.

Performance Parameter

Grades	Metal Content (>%)	Active Al Content (>%)	Stearic Acid (<%)	Gas Extraction Time (min)	Gas Extraction Volume (>ml)	Applications
ZL-201W-B04	98.2	90	2.0	10-14	75	
ZL-201W-B05	98.4	92	2.0	14-18	75	
ZL-201W-B06	98.4	94	2.0	18-22	75	
Grades	Metal Content (>%)	Active Al Content (>%)	Screen Analysis (<%)	Gas Extraction Volume (ml)	Solvent	
ZQ-65W	65	85	3 (75um)	65-70	water	
ZQ-D7074	65	80	4-6(45um)	65-70	DEG	



SPHERICAL ALUMINIUM POWDER

Characteristics

This series is spherical aluminium powder with high purity. It is made especially for solar conductive aluminium powder, ceramic industry, high precision alloy, pharmaceutical industry, etc.

Performance Parameter

Grades	Average Particle Size(um) (D50)	Density ≥g/cm ³	Chemical Compositions				Applications	
			Aluminium Content≥%	Impurities Content ≤%				
				Cu	Fe	Si		H ₂ O
Apsolar 01	1-2	1.4	99.8	0.015	0.20	0.20	0.10	Solar cell, ceramic, high precision alloy and pharmaceutical industry, compounding materials, etc.
Apsolar 02	2-3	1.4	99.8	0.015	0.20	0.20	0.10	
Apsolar 03	3-4	1.4	99.8	0.015	0.20	0.20	0.10	
Apsolar 04	4-5	1.4	99.8	0.015	0.20	0.20	0.10	
Apsolar 05	5-6	1.4	99.8	0.015	0.20	0.20	0.10	
Apsolar 06	6-7	1.4	99.8	0.015	0.20	0.20	0.10	
Apsolar07	7-8	1.4	99.8	0.015	0.20	0.20	0.10	
FLQT3	10-12	1.6	99.8	0.015	0.20	0.20	0.10	
FLQT2	14-16	1.6	99.8	0.015	0.20	0.20	0.10	
FLQT1	20-22	1.6	99.8	0.015	0.20	0.20	0.10	
FLQT0	30-35	1.6	99.8	0.015	0.20	0.20	0.10	

We can tailor make the particle size according to customer needs. Particle size range from 1um-2mm.

BRONZE POWDER

Characteristics:

This series is leafing flaky pigment, which is composed of copper, zinc, and aluminium powder. Bronze powder imparts good brilliance and metallic effect. Rich gold, pale gold, rich pale gold and copper powder are available.



Performance Parameter

Grades	Shade	Average Particle Size (um)	water-covering (cm ² /g)	Description&Applications
ZG-1034	Rich gold	3.1-3.6	≥12000	Super fine grade bronze pigment, offering high coverage in combination with smooth metallic brilliance, applied for offset printing.
	Pale gold			
ZG-1073	Rich gold	6.5-11	≥7000	Ideal covering power and brilliance for gravure printing.
	Pale gold			
ZG-2030	Rich gold	3-3.5	≥12000	Finer grade bronze pigment with great coverage and brightness, applied for full types printing with great adaptation
	Pale gold			
ZG-2041	Rich gold	4.9-5.6	≥10000	Fine product series combines good coverage with a high level of metallic brilliance, applied for plastic, paper and textile printing ect.
	Pale gold			
ZG-2072	Rich gold	5.6-7	≥8000	Coarse product seires with high level of metallic brilliance applied for dusting, paint and textile printing, screen printing and powder coating
	Pale gold			
ZG-2103	Rich gold	7-12	≥4500	Water-based bronze powder, Ink grade product with extridinary metallic brilliance, also suitable for water-based ink system.
	Pale gold			
ZG-2103C	Copper			
ZG-1102	Rich gold	9-13	≥5000	Used in plastic molding powder, paint and other industries required high-temperature resistance.
	Pale gold			
ZG-1201	Rich gold	18-24	≥2500	Tarnish resistant performance: 30min at 230°C
	Pale gold			
ZG-1354C	Copper	25		
ZG-1354	Rich gold	30-40	≥1800	Tarnish resistant performance: 30min at 250°C
	Pale gold			
ZG-WB3101	Rich gold	6-8	≥9000	
	Pale gold			
ZG-4203	Rich gold	19-23	Tarnish resistant performance: 30min at 230°C	
	Pale gold			
ZG-4106	Rich gold	8-11	Tarnish resistant performance: 30min at 250°C	
	Pale gold			
ZG-4107C	Copper	7-11		