

Anticorrosion Yipin-pigments have three varieties of zinc and chrome pigments and mica iron oxide mica iron oxide pigment. As the most stable inorganic colorful pigments were widely used in coating industry, especially suitable for coloring of anticorrosive and anodesisive pigments.

一品防锈颜料主要包括铬、锌类颜料、云母氧化铁、三聚磷酸铝, 它作为最稳定的无机颜料被广泛地应用于涂料制造业, 尤其适用于防锈颜料的着色。

● Speciality & Application 特性和应用

Item 项目	Speciality 特性	Application 应用
Zinc and Chrome pigments 铬、锌类颜料	Yellow and white colors, Strong coloring power, good dispersion, fastness to solvent water and infiltration. Strontium chrome has good light fastness and heat stability. 有白色和黄色, 着色力强, 分散性强, 耐溶剂耐水, 耐渗透, 铬铬黄, 还具有较好的耐光性、耐热性。	Mainly used for anticorrosive primer paint, Strontium Chrome can be used as a colorant for rubber and plastic. Zinc Molybdate with a white nontoxic can be used in preparing anti-corrosive primer with good properties. 主要用于防锈底漆, 此外铬铬黄可用于橡胶和塑料, 钼酸锌特别适用于金属表面防护的浅色面漆。
Mica iron oxide pigment 云母氧化铁	ferocity fastness to acid & alkali, self-solvent, resist high temperature reach to over the 800°C. The take over is more than 85%, accord an international grade A. 无毒, 耐酸、碱, 盐及各类溶剂, 耐温达800度以上, 片状含量大于60%达到国际一级品要求。	Ceramic, plastic, functional fill in material, printing ink industry strong anti-rust paint in steel protection structure, bridge paint, pipe paint, vessel paint. 陶瓷、塑料、油墨等领域结构的重防腐漆、桥梁漆、管道漆、船舶漆等。
Aluminum Tri-phosphate 三聚磷酸铝	Non-pollution, not containing harmful heavy metals. Resistance to oil, heat and seawater, weather-fastness, and good wearability. 无公害材料, 不含有害重金属, 不含害重金属, 耐油性、耐热性、耐候性以及耐磨性优良。	SAP-1: It can be mainly used in anti-rust paint of alkyl resin and epoxy resin. SAP-2: It can be mainly used in inorganic coating of alkaline metal silicate and vasic silicogel. SAP-1: 用于醇酸树脂、环氧酯防锈漆 SAP-2: 用于碱金属硅酸盐无机涂料, 碱性硅酸盐无机涂料

● Packing & Storing 包装和储存

Packed in kraft bag, net weight 25Kg per bag stored in dry and ventilated places, avoided from moisture acid, alkali period of validity 2 years. Our package can be also designed in accordance with client's requirement.

牛皮纸复合袋, 每袋净重25千克储存于干燥通风处严禁与酸碱物品接触, 有效果2年也可以按照客户要求协议包装形式包装。

● Note 注释

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The picture is electron micrograph of Micaosium iron Oxide pigments.

图为云母氧化铁颜料的电子显微照片。



● Zinc & Chrome pigments 锌铬颜料

Yipin 一品	Grade	ZnO * Zn(PO ₃) ₂	Oil absorption	Moisture at 105°C	Water- Soluble matter	PbCrO ₄ CrO ₃	Sieve residue on mesh 筛余物 um/% 筛目/百分比	Appearance
Varieties 品种	型号	氧化锌 *磷酸锌 含量% min% 最小%	吸油量 g/100g 克 max 最大	105°C 挥发物 max% 最大%	水溶物 % max% 最大%	铬酸铅 三氧化铬 含量% min% 最小%	筛目/百分比 max% 最大%	外观
Strontium Chrome 柠檬铬黄	801	—	—	1.0	—	40	—	lemon Powder
Zinc Chroma 柠檬黄	108	61-65	40	1.0	0.1	18-22	45/0.5	Light yellow powder
Zinc Chrome 柠檬黄	309	66-72	40	1.0	0.1	17	45/0.5	Yellow powder
Zinc Chrome 柠檬黄	509	35-40	30	1.0	0.1	43	45/0.5	Yellow powder
Zinc Phosphate White 磷酸锌白	409	* 45	40	1.0	—	—	—	White powder
Zinc Maybata 钼酸锌	719	—	32	1.0	0.1	—	—	White powder

● Mica Iron Oxide Pigment 云母氧化铁

Yipin 一品	Grade	Fe ₂ O ₃	Flake Cont	Oil/ Water absorption	Moisture at 105°C	Water- Soluble matter	Apparent density	Sieve residue on mesh 筛余物 um/% 筛目/百分比	PH Value	Appearance
Varieties 品种	型号	氧化铁 含量 ISO1248 min% 最小%	片状 含量 ISO16501 min% 最小%	吸油量 g/100g 克 max 最大	105°C 挥发物 max% 最大%	水溶物 max% 最大%	表观密度 g/cm ³ ISO787-18 min% 最小%	筛目/百分比 max% 最大%	PH值 Range 范围	外观
Mica Iron oxide Grey	MIOG-1	99	60	10-19	0.5	0.3	2.2-2.6	32/5.0	6.5±1	grey and metallic celta powder 灰色 金属光泽 粉末
	MIOG-2	99	66	10-19	0.5	0.3	2.2-2.6	45/5.0	6.5±1	
云母氧化铁灰	MIOG-3	99	60	10-19	0.5	0.3	2.2-2.6	63/5.0	6.5±1	
	MIOG-4	99	66	10-19	0.5	0.3	2.2-2.6	75/5.0	6.5±1	
MIOG-5	99	66	10-19	0.5	0.3	2.2-2.6	100/5.0	6.5±1		
Mica iron oxide Red 云母氧化铁红	MIOR	99	60	9-16	0.5	0.3	1.7-1.9	45/0.5	6.5±1	Red powder 红褐色粉末

● Aluminium Tri-polyphosphate 三聚磷酸铝

Grade	P ₂ O ₅	Al ₂ O ₃	Free moisture	Water solu- ble content	Oil absorption	PH Value	Sieve residue on 45 μm mesh 筛余物	Whiteness (Comparative standard) 以硫酸钙白度为100 Using Calcium carbonate is 100	Appearance
型号	max% 最大%	max% 最大%	min% 最小%	min% 最小%	吸油量 g/100g 克	PH值 Range 范围	筛余物 max% 最大%	筛余物 max% 最大%	外观
SAP-1	42.5	10.5	2.0	1.0	45±5	4.5-6.5	0.15	>90	White powder
SAP-2	30.5	8.8	2.0	1.0	45±5	5.0-7.0	0.15	>90	白色粉末