



# Crystal Series

Pearlescent pigment

水晶系列珠光材料

[www.rika.cc](http://www.rika.cc)



**科技改变色彩 创新引领发展**

**Technology Change Colour**

**Innovation Lead Development**

# Company Profile

## 公司简介

瑞彩科技股份有限公司是一家专业致力于珠光材料的研发、生产、销售于一体的国家高新技术企业。坐落于江西省宜春市经济开发区（国家级），占地面积220亩，建筑面积13.3万平方米。公司拥有国际领先的全自动、智能化、安全环保的珠光材料生产线和成套检验检测设备，年生产能力26000吨，通过ISO9001、ISO14001、ISO18001管理体系认证，产品符合及欧盟REACH、欧盟EN71-3、美国FDA等法律法规相关条款要求。

瑞彩科技已成功开发十二大系列数百个品种的产品线，“RIKA”牌系列珠光材料被认定为“江西名牌产品”，以高质量、高性价比的产品优势畅销欧美、中东、东南亚等60多个国家和地区，广泛应用于汽车珠光漆、化妆品、内外墙装饰涂料、粉末涂料、墙壁纸、玩具、油墨、塑料、陶瓷、皮革、印染等行业。

瑞彩科技坚持“科技改变色彩、创新引领发展”的信念，始终将科技创新视为引领企业发展的第一生产力。经多年积累，瑞彩科技已获得珠光材料领域相关专利30多项，其中“人工合成闪亮金色珠光颜料”获得江西省科技进步三等奖、宜春市技术发明一等奖，系列珠光材料的制备工艺及关键技术获得“中国有色金属工业科学技术发明二等奖”，“多功能氧化钨-云母复合珠光颜料的研发与应用”被列为江西省重点研发计划项目，闪亮金色系列、卓玛拉措系列、吉祥红系列、耐候系列、钻石系列被评为江西省重点新产品。

瑞彩研发中心由20多名核心技术人员组成，其中教授级专家6名、博士7名、硕士10名。2018年被江西省科技厅认定为“江西省珠光颜料工程技术研究中心”。公司注重自主研发的同时，高度重视研发团队与创新平台的建设，密切与国际、国内专业机构及科研院所合作交流，已与澳大利亚蒙纳士大学共同成立“瑞彩-蒙纳士大学功能纳米珠光材料联合研发中心”，与中科院过程工程研究所共建“珠光材料重点实验室”，与中科院化学所、中南大学、南昌大学、宜春学院等科研院校就项目合作、技术输出和人才培育等方面签订了合作协议，努力将公司优势生产力与领军人才、领先技术无缝对接，为企业和行业发展建立了产、学、研相互促进、共同发展的良性循环和创新生态。

瑞彩科技管理团队拥有20年的珠光材料研发、生产管理经验，完善的管理制度，先进的技术，稳定的客户，旨在高质量和可持续发展中，筑巢引凤，广纳贤才，为“RIKA”品牌发展提供天时、地利、人和的优势。秉持“共赢、创新、稳健、诚信”的企业精神和艰苦创业作风，凭借雄厚的综合竞争力和以人为本的科学管理理念，瑞彩科技已跻身中国珠光材料行业的前列，并正朝着“打造珠光材料行业第一品牌”的远大目标继续迈进！

竭诚欢迎各界朋友莅临考察指导，我们将一如既往地以严谨的管理、高性价比的产品、优质的服务，与您“携手并进、共赢未来”。

RIKA Technology Co., Ltd is a national high-tech enterprise specialized in researching and developing, producing, and selling of pearlescent pigment. It is located in Yichun economic development zone (National Economic Development Zone), Yichun city, Jiangxi province, covering an area of 220 mu and an area of structure 133,000 square meters. RIKA has the international leading automatic, intelligent, safe and environmentally friendly production line of pearlite material and full set of inspection and testing equipment, with an annual production capacity of 26,000 tons. RIKA has passed the ISO9001, ISO14001 and ISO18001 management system certifications, and the products meet the requirements of relevant laws and regulations, such as REACH, EN71-3, FDA, and so on.

RIKA has successfully developed twelve series of hundreds of various types of product lines. RIKA's series of pearlescent materials are identified as "Jiangxi famous brand products", with the advantages of high quality and cost-effective, best-selling to more than 60 countries, such as Europe, the United States, the Middle East, and Southeast Asia. RIKA products are applied in a wide range of industries, including automotive, printing & dyeing, paint, plastics, toys, papermaking, printing ink, rubber, leather, ceramics, cosmetics, etc.

RIKA adhere to the "Technology Change Colour, Innovation Lead Development" belief, always regarding scientific and technological innovation as the first productive force to lead the development of enterprises. Among them, "Synthetic Shiny Gold Pearl Pigment" won the third prize of Scientific and technological progress of Jiangxi Province and the first prize of Technological invention of Yichun City.

RIKA R&D center consists of more than 20 core technical people, including 6 professor-level experts, 7 doctors, and 10 masters. While focusing on independent research and development, RIKA attaches great importance to the construction of R&D teams and innovation platforms, and keeps close cooperation with international and domestic professional institutions and research institutes. RIKA has set up the "RIKA-Monash University functional nano pearl joint research and development center" with Australia Monash University, built the "pearl materials key laboratory" with Institute of process engineering of Chinese Academy of Science.

RIKA has more than 20 year-experience of researching, developing, and producing of pearlescent pigment. Perfect management system, advanced technology and stable customer group provide the advantages for RIKA brand, such as good timing, geographical convenience and good human relations. Adhering to the spirit of "Win-win, Innovation, Steady, Integrity" and hard work style; basing on the strong comprehensive competitiveness and people-oriented concept of scientific management, RIKA has been among the forefront of Chinese pearl pigment manufacturing industry. Now we are aiming to build the No. 1 brand in pearl pigment industry.

All the old and new friends are welcomed to visit us. We are looking forward to developing with you and building up a win-win future together.





# Crystal Pearlescent Pigment

## 水晶系列珠光材料

水晶系列产品由瑞彩公司根据市场需求，与多家院校、研究所合力研究开发，具有如水晶般的超高纯净度、闪烁度。该系列产品以人工合成云母为基体，采用纳米级沉积包覆技术包覆多种金属氧化物，在高温下，结晶形成闪亮新型珠光颜料。

通过对单晶片进行严格的表面微观处理，及精细的径厚比控制，瑞彩公司保证了水晶系列产品超高的色彩饱和度、鲜艳的珠光色泽效果，多种变化的亮度效果，给人以强烈的动态视觉冲击。同时该系列产品的重金属含量极低，化学性质更为稳定，具有更好的耐温性及环境友好性，为具有严格合规要求的行业提供了最佳选择。

Crystal series products are researched and developed by RIKA according to the market demand, together with a number of colleges and research institutes, with crystal like ultra-high purity and flicker. The series of products are based on synthetic mica and coated with various metal oxides by nano deposition coating technology. At high temperature, they crystallize to form a new type of bright pearlescent pigment.

Through the strict surface micro treatment and fine diameter thickness ratio control of single crystal, RIKA ensures the crystal series products with ultra-high color saturation, bright pearlescent color effect and various brightness effects, giving people a strong dynamic visual impact. At the same time, the series of products have very low heavy metal content, more stable chemical properties, better temperature resistance and environmental friendliness, providing the best choice for industries with strict compliance requirements.

- 常见粒径范围：  
5~25 $\mu\text{m}$ 、10~60 $\mu\text{m}$ 、10~100 $\mu\text{m}$ 等
  - 超高纯净度、色彩饱和度
  - 珠光色泽效果极其鲜艳
  - 重金属含量极低
  - 良好的耐高温性、环境友好性
- Common particle size range:  
5 ~ 25 $\mu\text{m}$ 、10 ~ 60 $\mu\text{m}$ 、10 ~ 100 $\mu\text{m}$ 、 etc
  - Ultra high purity and color saturation
  - Very clean pearly luster
  - Low heavy metal content
  - Good temperature resistance and environment friendly







型号:RK9111      Type:RK9111  
颜色:金红石银细缎      Color:Crystal rutile fine satin  
粒径:< 15 $\mu$ m      Particle size:< 15 $\mu$ m



型号:RK9120      Type:RK9120  
颜色:光泽缎      Color:Crystal luster satin  
粒径:5-25 $\mu$ m      Particle size:5-25 $\mu$ m



型号:RK9100      Type:RK9100  
颜色:珍珠银白      Color: Crystal silver pearl  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9103      Type:RK9103  
颜色:金红石纯银      Color:Crystal rutile sterling silver  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9151      Type:RK9151  
颜色:光泽珍珠      Color:Crystal luster pearl  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK9153      Type:RK9153  
颜色:闪光珍珠      Color:Crystal flash pearl  
粒径:20-100 $\mu$ m      Particle size:20-100 $\mu$ m



型号:RK9163      Type:RK9163  
颜色:闪烁珍珠      Color:Crystal shimmer pearl  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



型号:RK9183      Type:RK9183  
颜色:特闪珍珠      Color: Crystal special flash pearl  
粒径:40-300 $\mu$ m      Particle size:40-300 $\mu$ m





型号:RK9259      Type:RK9259  
颜色:闪光珍珠红      Color:Crystal shimmer red  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK9269      Type:RK9269  
颜色:闪光珍珠紫      Color:Crystal shimmer violet  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK9289      Type:RK9289  
颜色:闪光珍珠蓝      Color:Crystal shimmer blue  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK9299      Type:RK9299  
颜色:闪光珍珠绿      Color:Crystal shimmer green  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK92C1      Type:RK92C1  
颜色:超闪珍珠金      Color:Crystal super flash gold  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



型号:RK92C2      Type:RK92C2  
颜色:超闪珍珠红      Color:Crystal super flash red  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



型号:RK92C3      Type:RK92C3  
颜色:超闪珍珠紫      Color:Crystal super flash violet  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



型号:RK92C4      Type:RK92C4  
颜色:超闪珍珠蓝      Color:Crystal super flash blue  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



# CRYSTAL PEARL PIGMENT 水晶系列



型号:RK910      Type:RK910  
颜色:超闪珍珠白      Color: Crystal silver  
粒径:50-400 $\mu$ m      Particle size:50-400 $\mu$ m



型号:RK9197      Type:RK9197  
颜色:超闪珍珠      Color:Silver pearl  
粒径:100-700 $\mu$ m      Particle size:100-700 $\mu$ m



型号:RK9205      Type:RK9205  
颜色:干涉金      Color:Crystal platinum gold  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9215      Type:RK9215  
颜色:干涉红      Color:Crystal red pearl  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9219      Type:RK9219  
颜色:干涉紫      Color:Crystal violet pearl  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9225      Type:RK9225  
颜色:干涉蓝      Color:Crystal blue pearl  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9235      Type:RK9235  
颜色:干涉绿      Color:Crystal green pearl  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK9249      Type:RK9249  
颜色:闪光珍珠金      Color:Crystal shimmer gold  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m





# CRYSTAL PEARL PIGMENT 水晶系列



型号:RK92C5      Type:RK92C5  
颜色:超闪珍珠绿      Color:Crystal super flash green  
粒径:40-200μm      Particle size:40-200μm



型号:RK930      Type:RK930  
颜色:超闪珍珠黄      Color:Crystal gold  
粒径:70-400μm      Particle size:70-400μm



型号:RK9300      Type:RK9300  
颜色:水晶珍珠金      Color:Crystal gold pearl  
粒径:10-60μm      Particle size:10-60μm



型号:RK9353      Type:RK9353  
颜色:光泽金黄      Color:Crystal luster gold  
粒径:10-100μm      Particle size:10-100μm



型号:RK9355      Type:RK9355  
颜色:闪光皇室金      Color:Crystal shining royal gold  
粒径:10-100μm      Particle size:10-100μm



型号:RK9381      Type:RK9381  
颜色:金色      Color:Gold  
粒径:80-500μm      Particle size:80-500μm



型号:RK9391      Type:RK9391  
颜色:超闪金色      Color:Super sparkling gold  
粒径:200-700μm      Particle size:200-700μm



型号:RK9540      Type:RK9540  
颜色:青铜缎      Color:Crystal bronze satin  
粒径:10-30μm      Particle size:10-30μm







型号:RK9542    Type:RK9542  
 颜色:棕红缎    Color:Crystal red brown satin  
 粒径:10-30μm    Particle size:10-30μm



型号:RK9544    Type:RK9544  
 颜色:酒红缎    Color:Crystal red satin  
 粒径:10-30μm    Particle size:10-30μm



型号:RK9500    Type:RK9500  
 颜色:青铜    Color:Crystal bronze  
 粒径:10-60μm    Particle size:10-60μm



型号:RK9502    Type:RK9502  
 颜色:棕红    Color:Crystal red brown  
 粒径:10-60μm    Particle size:10-60μm



型号:RK9504    Type:RK9504  
 颜色:酒红    Color:Crystal wine red  
 粒径:10-60μm    Particle size:10-60μm



型号:RK9530    Type:RK9530  
 颜色:闪光青铜    Color:Crystal glitter bronze  
 粒径:10-100μm    Particle size:10-100μm



型号:RK9532    Type:RK9532  
 颜色:闪光棕红    Color:Crystal glitter red brown  
 粒径:10-100μm    Particle size:10-100μm



型号:RK9534    Type:RK9534  
 颜色:闪光酒红    Color:Crystal glitter wine red  
 粒径:10-100μm    Particle size:10-100μm



# SUPER CRYSTAL WHITE PEARL PIGMENT 水晶超白系列



型号:RK91000    Type:RK91000  
颜色:亮丽水晶白    Color:Crystal bright white  
粒径:10-60 $\mu$ m    Particle size:10-60 $\mu$ m



型号:RK91530    Type:RK91530  
颜色:闪光水晶珍珠    Color:Crystal flash pearl  
粒径:30-150 $\mu$ m    Particle size:30-150 $\mu$ m



型号:RK91200    Type:RK91200  
颜色:亮丽光泽缎    Color:Crystal bright luster satin  
粒径:5-25 $\mu$ m    Particle size:5-25 $\mu$ m



型号:RK91730    Type:RK91730  
颜色:水晶丝绸珍珠    Color:Crystal silk pearl  
粒径:10-40 $\mu$ m    Particle size:10-40 $\mu$ m



型号:RK91510    Type:RK91510  
颜色:闪光水晶白    Color:Crystal flash white  
粒径:10-100 $\mu$ m    Particle size:10-100 $\mu$ m





# Shiny Gold Series Pearlescent Pigment

## 闪亮金系列珠光材料

闪亮金系列的珠光材料是瑞彩公司研发团队历经三年多的时间所研发成功的高端产品。其精选优质合成云母为基材，使用特殊工艺通过数层反复包覆氧化铁、氧化钛等多种金属氧化物加工而成。

该系列的产品，色泽炫丽、金属感突出、闪烁感强烈，可呈现出金碧辉煌的效果。此项技术获得了国家发明专利，并先后在2016年获得宜春市技术发明一等奖，在2017年获得江西省科学技术进步三等奖。

Shiny gold series are developed as RIKA high-end products attributed to more than 3 years' hard work of RIKA R&D team. High-quality synthetic mica is chosen as the core, coated by multi-layer oxides, like diiron trioxide, titanium dioxide etc.

These products are outstanding for the fresh full color shade, excellent metallic effect, super granule effect and high brightness, presenting shiny gold effect. RIKA was granted a national patent for invention for this special technology, and won the first prize in technology invention evaluation in Yichun city in 2016, the third prize in scientific technology development evaluation in Jiangxi Province in 2017.



## SHINY GOLD SERIES 闪金系列



型号:RK9315      Type:RK9315  
颜色:闪光金黄      Color:Crystal flash gold  
粒径:30-120 $\mu$ m      Particle size:30-120 $\mu$ m



型号:RK9320      Type:RK9320  
颜色:阳光金黄缎      Color:Sunny gold stain  
粒径:2-15 $\mu$ m      Particle size:2-15 $\mu$ m



型号:RK9351      Type:RK9351  
颜色:闪光金色      Color:Sparkle gold  
粒径:10-100 $\mu$ m      Particle size:10-100 $\mu$ m



型号:RK9325      Type:RK9325  
颜色:皇室缎金      Color:Crystal royal gold satin  
粒径:3-20 $\mu$ m      Particle size:3-20 $\mu$ m



型号:RK9350      Type:RK9350  
颜色:水晶太阳金      Color:Sunny gold  
粒径:10-60 $\mu$ m      Particle size:10-60 $\mu$ m



型号:RK93B5      Type:RK93B5  
颜色:水晶闪光红金      Color:Crystal flash reddish gold  
粒径:40-160 $\mu$ m      Particle size:40-160 $\mu$ m



型号:RK93C7      Type:RK93C7  
颜色:水晶星光青金      Color:Crystal starry turquoise gold  
粒径:40-200 $\mu$ m      Particle size:40-200 $\mu$ m



型号:RK93F5      Type:RK93F5  
颜色:超闪金色      Color:Crystal super flash gold  
粒径:70-400 $\mu$ m      Particle size:70-400 $\mu$ m





ISO14001:2004  
环境管理体系认证证书

OHSAS 18001:2007  
职业健康管理体系认证证书

ISO9001:2008  
质量管理体系认证证书



## REACH

合成云母、二氧化钛、三氧化二铁及二氧化锡已完成REACH注册；此系列产品中的所有成分不在REACH EC 1907/2006附件17列表及SVHC列表（最新更新2020.06.25）中。

### 玩具行业/可刮取的玩具材料

欧盟 EN71-3:2013法规。

### 电子电器行业

欧盟法规RoHS (2011/65/EU)。

### 塑料涂料行业/食品接触材料

欧盟法规EU 10/2011(最新修订版2017/752)

预期与食品接触的塑料材料和制品&美国法规FDA 21 CFR 175.300--树脂和聚合物涂层

## REACH

Synthetic mica/Fluorophlogopite, titanium dioxide, diiron trioxide and tin oxide are registered; absence of substances listed in Annex to EC Reg.1907/200; absence of substances listed in the "Candidate List " updated at 06 /25/2017 ( REACH Reg . )

### Toy/Scraped-off toy material

comply with EN 71-3:2013.

### Electrical and electronic equipment

comply with RoHS (2011/65/EU) .

### Food contact

comply with EU 10/2011 (newest amendment EU 2017/752)

On plastic materials and articles intended to come into contact with food & FDA 21 CFR 175.300--Resinous and polymeric coatings



REACH Certification



欧盟儿童玩具检测认证

Toy/Scraped-off toy material Certification



Electrical and electronic equipment Certification



FDA Certification



瑞彩科技股份有限公司

RIKA TECHNOLOGY CO.,LTD



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