

**TECHNICAL DATA SHEET**  
**YIPIN® Pearl Luster Pigment**  
**Royal Gold Y9303**



<b>Edition of</b>	2012-02-16
<b>Type</b>	Gold Series
<b>Delivery Form</b>	Powder
<b>Chemical Class</b>	Fe <sub>2</sub> O <sub>3(x)</sub> /TiO <sub>2(y)</sub> /[KAl <sub>2</sub> (AlSi <sub>3</sub> O <sub>10</sub> )(OH) <sub>2</sub> ]
<b>CAS No.</b>	12001-26-2、13463-67-7、1307-37-1
<b>Use Recommendation</b>	Coating/ Plastics/ Paper/ Print ect.

**TECHNICAL DATA**

		<u>Test Method</u>
Particle Size [um]	10~60	Optical Microscope
Particle Diameter Distribution [%] ≥ (Particle proportion within nominal grain diameter range)	92	Laser Particle Size Analyzer
Water-Soluble Content [%] ≤	0.3	DIN ISO787 Part 3
Water Content [%] ≤	0.5	DIN ISO787 Part 2
PH Value	6~9	DIN ISO787 Part 9
Thermal Stability [°C] ≤	800	
Particle Shape	Flake	Electronic Microscope
TiO <sub>2</sub> Type	Rutile	
Luster	Bright	
Color	Royalty golden	
	<b>Approx.</b>	
Bulk Density [g/100ml]	26~30	DIN 53466
Density [g/ml]	3.1~3.2	DIN ISO787 Part 11
Oil Absorption[g/100g]	55~65	DIN ISO787 Part 5
Content [%] Mica	53~61	
TiO <sub>2</sub>	20~24	
Fe <sub>2</sub> O <sub>3</sub>	19~23	
SnO <sub>2</sub>	<1	

**STANDARD PACKAGING**      3kg/bag    25kg/drum

**TRANSPORT AND STORAGE**

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.

**YIPIN PIGMENTS, INC.**    Tel:+1-909-243-7394    Fax: +1-909-243-7397    www.yipin.com  
**一品颜料**                      Tel:+86-21-3950 0127    Fax: +86-21-5950 7893    gwq@yipin.com

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**SAFETY**

The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations. In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured.

The information contained in the safety data sheet should be observed.

This contains information on handling, product safety and ecology.

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