

**TECHNICAL DATA SHEET**  
**YIPIN® Pearl Luster Pigment**  
**Gold satin Y9302**



|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <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]                                                                                | 5~25         | Optical Microscope           |
| Particle Diameter Distribution [%] ≥<br>(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                                                                                            | Stain        |                              |
| Color                                                                                             | Satin golden |                              |
| <b>Approx.</b>                                                                                    |              |                              |
| Bulk Density [g/100ml]                                                                            | 24~28        | 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                                                                                  | 57~64        |                              |
| TiO <sub>2</sub>                                                                                  | 35~39        |                              |
| Fe <sub>2</sub> O <sub>3</sub>                                                                    | 1~4          |                              |
| SnO <sub>2</sub>                                                                                  | <1           |                              |

|                           |         |           |
|---------------------------|---------|-----------|
| <b>STANDARD PACKAGING</b> | 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.

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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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This information is given in good faith, without warranty. It is also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General conditions of sale and delivery