

TECHNICAL DATA SHEET
YIPIN® Pearl Luster Pigment
Royal Gold Y9303



Edition of	2008-12-01
Type	Gold Series
Delivery Form	Powder
Chemical Class	Fe ₂ O _{3(x)} /TiO _{2(y)} / [KAl ₂ (AlSi ₃ O ₁₀)(OH) ₂]
CAS No.	12001-26-2、13463-67-7、1307-37-1
Use Recommendation	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 EN ISO787 Part 3 (1995)
Water Content [%] ≤	0.5	DIN EN ISO787 Part 2 (1995)
PH Value	6~9	DIN EN ISO787 Part 9 (1995)
Thermal Stability [°C] ≤	800	
Particle Shape	Flake	Electronic Microscope
TiO ₂ Type	Rutile	
Luster	Bright	
Color	Royalty golden	
	<u>Approx.</u>	
Bulk Density [g/100ml]	26~30	DIN EN 53466
Density [g/ml]	3.1~3.2	DIN EN ISO787 Part 11 (1995)
Oil Absorption[g/100g]	55~65	DIN EN ISO787 Part 5 (1995)
Content [%] Mica	53~61	
TiO ₂	20~24	
Fe ₂ O ₃	19~23	
SnO ₂	<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.

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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.

This information is given in good faith, without warranty. It 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