



## Photocatalyst-Silver Ion Composite Agent PL-205WG

Functional product has become the mainstream of the market, especially antibacterial and deodorizing processing is still the main request. However, most products cannot meet the requirements of antibacterial, deodorant and ultraviolet resistance, so the application field of the market is limited. In view of this, the company specially developed the photocatalyst-silver **PL-205WG**, which can effectively decompose various odors, and has antibacterial and anti-ultraviolet effects, and the effect is lasting. This product is specially processed into nano-sized products with an average particle size of 30-70nm, which is a stable dispersion liquid. Taking advantage of its superior performance, this product can be widely used in functional processing in various fields.

### 【 Properties 】

Appearance: Transparent colorless ~ light yellow liquid  
Content: TiO<sub>2</sub> and silver compound  
Ionic charge: Nonionic  
PH value: 9~11  
Solubility: soluble in water

### 【 Characteristics 】

1. PL-205WG increase photocatalytic ability.
2. PL-205WG sterilization without light.
3. PL-205WG can be used for disinfection.
4. PL-205WG excellent antibacterial effect.
5. PL-205WG excellent UV shielding effect.
6. PL-205WG excellent odor removal effect (ammonia, smoke odor and sweat).
7. PL-205WG non-toxic and odorless, non-irritating to the skin.

### 【 Application 】

1. Depending on the purpose and treatment conditions used, please conduct preliminary tests (stability test of finishing bath, and the miscibility of chemicals combining ect...) and then produce after confirmation.
2. The recommended dosage is 3-5%, 140℃×1min. Drying. The dosage and treatment process can be determined according to the test conditions for different fields.
3. Please mix well before use.

### 【 Storage and Expiration date 】

1. Products should be stored and transported in a closed and dark place.
2. Store unopened at 0-30 ℃, the product has a shelf life of 12 months from the date of production.

### 【 Package 】

20kg/drum or depending on customer requirement.

#### LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights or patents and, if necessary, clarifying the position.
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- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
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