

AgO
Allied Products & Services
by EMARENA®



“The Shy Ounce as AgO Paste in H₂O”

AgO

Silver Oxide for industrial and Retail Consumers.

Industrial sectors served include research and development, energy storage, chemical manufacturing, aerospace engineering, electronics, photography and jewelry fabrication. Allied Products and Services are herewith offered.

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AgO Product and Service Offering :

AgO may be purchased off the shelf or fabricated through service contract.

Properties and Thermal Decomposition :

Silver Oxide is a superb material for industrial product manufacture. AgO was designed to bypass problems associated with particulate size such as spontaneous thermal decomposition as well as size discrepancies between molecular bodies. In fact Emarena moved towards AgO as a material product substitute for pure silver bead or fabrication of particle size.

The commodity degrades to silver through thermal decomposition at or above 400°C.

Case Use for AgO in Emarena Corporation :

Emarena uses Silver Oxide in conjunction with jewelry, electronics and thermal sink resurfacing. Thermal decomposition occurs below 400C and then fusion of singular or multiple layers might be rapidly achieved. Demonstration of inversion inlay fusion shows that Ag might be used as fill with copper relief of standard 22-46mm watch faces.

Industrial Use of AgO and Case Suggestions :

- Fusion and Jewelry
- Electronics, Aerospace and Control Systems.
- Energy and Energy Storage; such as battery storage or hydrogen storage systems.
- Hydrogen Gas and chemical production by way of molecular fission of water through AgO-Ag nanoparticle cycling.

Shipping, Handling and Product Presentation:

- Dry AgO is hazardous and may spontaneously combust by static or friction in an air or Oxygen atmosphere
- Wet or paste AgO improves transport, storage and use.
- AgO is provided in distilled water within a glass container capped with a poly seal.
- A one ounce bottle contains just shy of a 1 ounce charge of paste.
- AgO is derived from 99.999% and 99.99% pure silver as micro and nanoparticle dispersion.
- During processing AgO is left in a settling tank with pure distilled water to force conversion of aggregate.

Fee Schedule :

2,800\$USD :: AgO per shy ounce within a 1 ounce container in distilled water as paste.
7,000\$USD :: AgO per dry ounce within a 1 ounce container with Hazmat shipping.

Alternative price

100\$ per ounce :: is as a fixed price for 10X spot commodity
500\$USD/Hr :: Approximate Spot Commodity between 99.999% and 99.99% pure
50\$USD/Hr :: AgO extraction setup.
At Cost\$:: Labor Cost to manufacture AgO
At Cost\$:: Incidentals.
At Cost\$:: Transport.

Scientific Research Options:

500\$ per hour.