



Version: 24 March 2025



POTASSIUM GOLD CYANIDE 68.2 %



Conflict Free Gold

In July of 2010, the United States Congress passed legislation requiring those corporations that are required to report to the SEC (United States Securities and Exchange Commission) to annually report the use of „Conflict Materials“ in the manufacture of their products. We have a responsibility to respect human rights and not contribute to conflict. Whilst we are not an SEC reporting company, we see it as our responsibility to act upon this legislation with the aim to enable designation of all Umicore’s gold as „Conflict Free“. At this time, Umicore is not aware of the use of any Conflict Materials in its supply chain and sources no gold from DRC. Umicore is already engaged in a group-wide initiative to ensure sustainable sourcing of all raw materials in its supply chain. We will not tolerate any direct or indirect support to non-state armed groups through the extraction, transport, trade, handling or export of minerals.

Since March 2022, we have also been certified by the Responsible Jewellery Council (RJC) according to the strict requirements of the Chain of Custody (CoC) standard. This confirms our due diligence with regard to a conflict-free supply chain for gold (and other platinum group metals).



Advantages

- Fast soluble in water
- Conventional true value of gold content
- Little impurities
- Does not raise dust
- Thermally stable up to about 200 °C
- Not sensible to light
- Does not decompose in air
- Free flowing

Applications

- For neutral gold electrolytes
- For acidic gold electrolytes
- Connectors
- Costume jewellery
- PCBs
- Semiconductors
- Bathroom fittings
- Writing utensils

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TECHNICAL SPECIFICATIONS

The contents of impurities are below the following values:

Sodium	0.04 %	= 400 ppm
Silver	0.002 %	= 20 ppm
Copper	0.0001 %	= 1 ppm
Nickel	0.0002 %	= 2 ppm
Iron	0.0001 %	= 1 ppm
Chromium	0.0002 %	= 2 ppm
Lead	0.0001 %	= 1 ppm
Cobalt	0.0005 %	= 5 ppm
Cadmium	0.0005 %	= 5 ppm
Palladium	0.0005 %	= 5 ppm
Zinc	0.0002 %	= 2 ppm
Silicon	0.001 %	= 10 ppm

Characteristics

Color	white
Condition	solid
Bulk density	approx. 1500 g/l
Solubility in water	20 °C: 250 g/l
Fineness	999.9
CAS No.	13967-50-5

YOUR CONTACT

Do you have a specific question or would you like a no-obligation quote calculation?
Our specialist will be happy to help you with any technical questions you might have.



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