



Aqua Wave (by MyriamSOS, 1st prize NAJ Awards 2019, Cooperation with Osmium-Institute Cyprus)

Starrings are the split bars of the Osmium world. They can be broken into pieces by hand, akin to a gold split bar.

Any gorgeous jewelry pieces can be manufactured from Osmium. Diamonds look almost dull in comparison. Sadly, Osmium is locked into a safe by most admirers of tangible assets.

The last precious metal on the fast track

Gold, platinum, palladium and silver have become almost unavailable during the covid-19 crisis. What now? Osmium is emerging from the shadows into the light and is preparing its charge on the four classic precious metals.

It is actually surprising that, being the most valuable precious metal, crystalline Osmium did not find its way into the broad market much earlier. But now, in times of the covid-19 crisis, it is becoming more evident and reasonable to secure oneself with real assets, and the classics are no longer available in the shops or only obtainable at totally excessive prices.

The time of Osmium has come. First and foremost, it serves as a store of value. Due to its phenomenal reflective properties it is nowadays also referred to as the "more beautiful diamond" for parts of the jewelry industry. Designers are winning international awards with Osmium. Ulysse Nardin and Hublot are launching watches with Osmium and many spectacular jewelry pieces are

being manufactured by jewelers and goldsmiths.

The metal of myths

Ever since the company Osram used it for filaments, more and more myths and stories have come to surround Osmium. Its spectacularly high value density puts gold and platinum in check.

Crystalline Osmium is the rarest precious metal on earth. It is not only the rarest precious metal, but the rarest non-radioactive element of all.

When comparing Osmium to gold, gold occurs 1500-times more frequently on our planet than the element Osmium.

The reason why Osmium has remained almost unknown compared to the other seven precious metals lies in the fact that Osmium is toxic in its raw form and therefore couldn't be bought by private persons and family offices up until a few years ago. Raw Osmium forms the harmful Osmium tetroxide when exposed to air. Through a complex crystallization process, the toxic Osmium sponge is turned into crystalline Osmium in a special laboratory in Switzerland. It is only through this process that Osmium obtains its high value density and especially its absolute unforgeability.

The crystallization process can be compared to the artificial creation of diamonds. These so-called manmade diamonds are manufactured from carbon. The crystalline grid structure is

altered and provides the new material with improved chemical and physical properties. However, the significant difference to diamonds lies in the fact that carbon is available in vast amounts everywhere on earth, meaning that an immense number of diamonds can be manufactured especially cheaply, which is already causing a price collapse in the diamond market.

The elative of rarity

The contrary is true in the case of crystalline Osmium. Because Osmium is the rarest precious metal, it can only be crystallized in limited amounts. It is estimated that a maximum of only 44 tons can be produced.

The Institute only buys raw Osmium from mines and refineries and not from private dealers or speculators. After crystallization, it is subsequently scanned with a very high resolution of 25000 measuring points on a surface of only one square millimeter. Its unique crystal structure makes crystalline Osmium unforgeable.

Crystalline Osmium has a special microgeometry. Every line of the edge of any single crystal in the structure is positioned with a defined angle to the neighboring crystal. This can be compared to a biological human fingerprint, only that crystalline Osmium doesn't change over time and even the smallest objects are 10000 times more accurate and more individual than a fingerprint.

After the scan, every piece of crystalline Osmium is labelled with an OIC, the Osmium-Identification-Code, by the Osmium-Institute and entered into the OIC database. Through this certification, every piece of Osmium gains a certificate and a database entry with scan, dimensions, weight, current production cost of a comparable piece, owner and possessor.

Every new owner receives an OCC Owner-Change-Code with his/her purchase in order to be able to transfer the ownership rights in the database to a new owner at the point of resale. Whereas the Osmium-Identification-Code is more akin to a Swiss numbered account, the Owner-Change-Code can be compared to a land register entry that documents ownership. The Osmium-Institutes in many countries of the world lend their support in ownership transfers and are direct points of contact when it comes to safety and certification. Apart from certification, their daily chores are especially the negotiations with customs authorities on other continents in order to create export conditions that meet the newest standards. For this reason, Osmium semi-finished products are duty-free in many countries.

Every piece of crystalline Osmium can be queried by entering the individual OIC (Osmium-Identification-Code) in the register at www.osmium-identification-code.com. As a result, Osmium is worthless for thieves.



The Osmium-Identification-Code is the land registry of the osmium trade.

Crystalline Osmium....

- ... is the eighth and last precious metal
- ... is the most noble metal and precious metal
- ... is the densest element in the universe
- ... is unforgeable
- ... has the highest compression modulus of all elements
- ... has the highest abrasion resistance of all elements
- ... has the highest purity of all elements at the point of sale due to crystallization
- ... has the highest value density of all elements
- ... is the most valuable tangible metal

You are welcome to inform yourself at an Osmium-Institute at www.osmium-institute.com or view Osmium at an online store. For example: www.buy-osmium.com. However, Osmium can also be bought from more and more precious metals dealers.