

## H.C. Starck: Company profile



H.C. Starck is an international group of companies with more than 3,400 employees at 14 production sites in Europe, North America and the Far East.

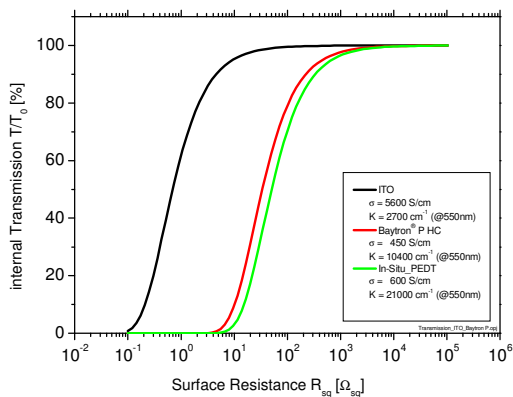
H.C. Starck has specialized on materials with high performance which serve producing electronic components. This includes a diversity of metallic, ceramic, and polymeric materials which are used either as functional materials or highly specialized processing consumables.

As being one of the world leading companies supplying refractory metals and refractory metal compounds we supply tailor made tantalum and other metal powders for the production of capacitors.

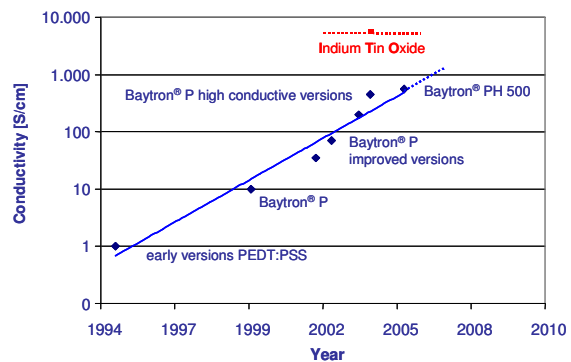
With Baytron® H.C. Starck offers the #1 conducting polymer which is another key component used worldwide in the capacitor industry. Baytron® serves as a polymeric counter electrode in polymer capacitors based on tantalum, niobium and aluminum.

Besides its application in capacitors Baytron® has found many uses in antistatic, electric and electronic applications such as packaging of electronic components, transparent antistatic film coatings, EL-lamps and organic electroluminescent diodes (OLED).

Absorption and surface resistance of BAYTRON® PH500 versus ITO.



Development of BAYTRON® conductivity.



H.C. Starck produces tungsten and molybdenum metal powder as well as finished and semifinished metal parts for sputter targets. Deposited by physical vapor deposition our metals serve as metal lines in large area LCD-displays as well as in integrated chips.

H.C. Starck undertakes worldwide strong R&D efforts to ensure next generation high quality products. This includes new functional materials such as metal organic compounds used for CVD (chemical vapor deposition) which serve as high-k dielectrics and barrier layers in advanced IC-chips as well as organic semiconductors.

In the field of polymer electronics we develop organic semiconductors for evaporation and wet processing to supplement out activities in conducting polymers.

H.C. Starck is committed towards plastic electronics. Plastic electronics are recognized as a highly promising technology which we will serve with key materials.

### Contact

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