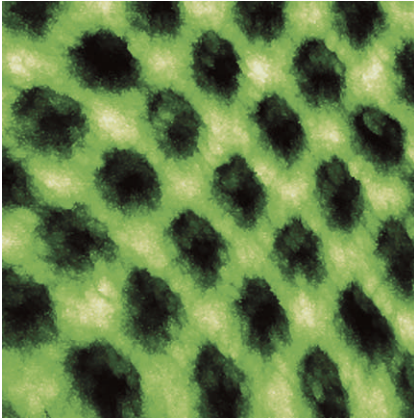


Coated nano-grid with 160 nm pitch

Nanosurf® STM Application Note

An Injection moulded plastic grid has been specially designed for the calibration of scanning tunneling microscopes. This plastic grid is covered with a layer of gold palladium (nominal thickness 20 nm) using magnetron sputtering. The grid's pitch is 160 nm.

STM measurements on microfabricated grid
(160 nm periodicity)



scan size: 760 nm
z-range: 20 nm

Structures produced by Laboratory for Micro- and Nanotechnology at the Paul Scherrer Institute, Villigen, Switzerland, by Dr. H. Schiff

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