

## Technical Data Sheet

### Gold Particles On Carbon Ultra High Resolution Calibration Specimens

#### #79511 and 79512

These gold on carbon calibration specimens have been specially produced to enable the ultra high-resolution capabilities of the current generation of high performance scanning electron microscopes to be assessed. In particular, the series 79512- sample with its ultra small gold particle size (<1nm - 20nm) is designed for use with SEM 's equipped with field emission guns.

Until experience has been gained, these specimens should be used in conjunction with the standard gold on carbon specimen, 79510- series. Many of the instructions given on the 79510- technical leaflet apply also to these ultra high-resolution test specimens, but it should be noted that the instrumental magnification required to resolve the smaller particles, would be higher.