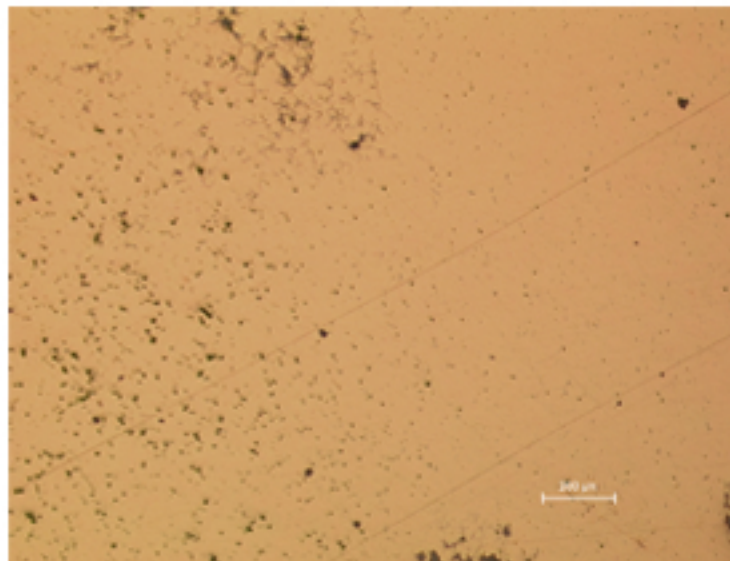


## B80 - FRAGMENT OF A BRACELET WITH PLUG ENDS



B80.1

### Identification

**Sample:** B80  
**Card reference:** S113  
**Origin/Location:** n/a

### Description

Surface is brilliant and in good condition, covered with a noble patina. Below the surface corrosion penetrates progressively. The alloy is a bronze (containing about 8% tin), which is finely grained and has been heated (annealed).

### Figure captions

B80.1

General view: showing heterogeneous distribution of pores and inclusions in the alloy.

B80.2

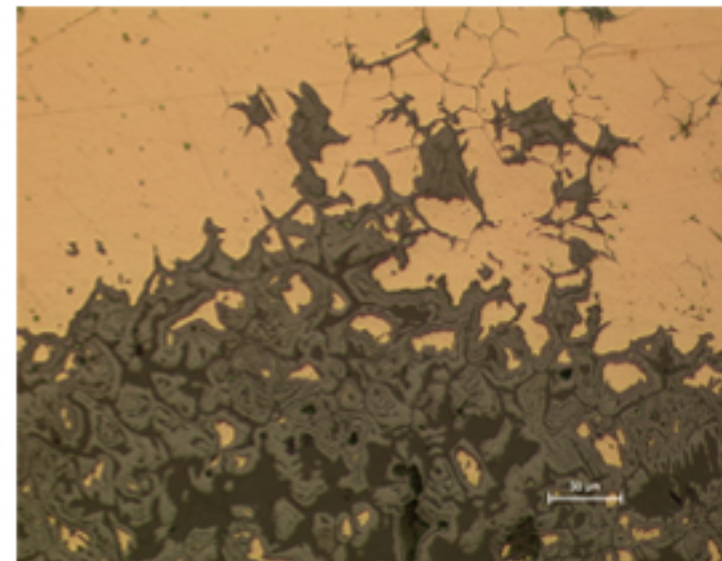
Detail near the surface: intergranular corrosion (top) the original shape of the grains is retained within the corrosion products (bottom).

B80.3

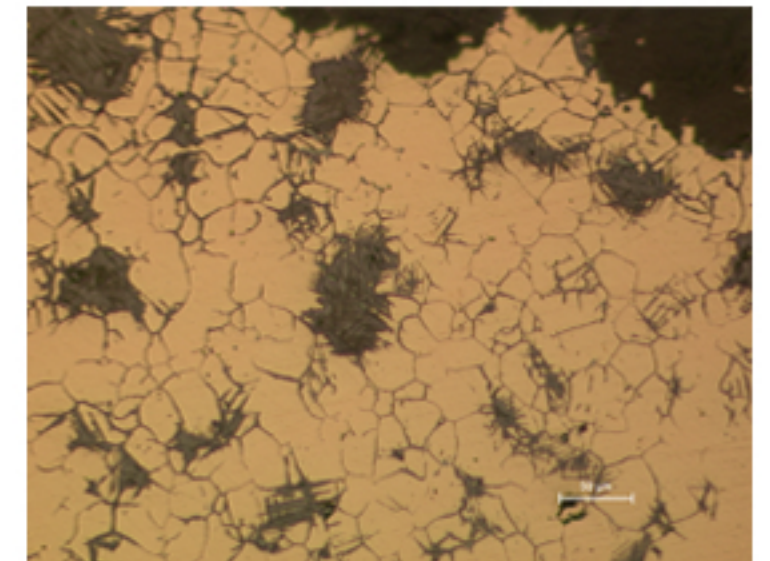
Internal corrosion at different locations, especially intergranular and at strain lines.

B80.4

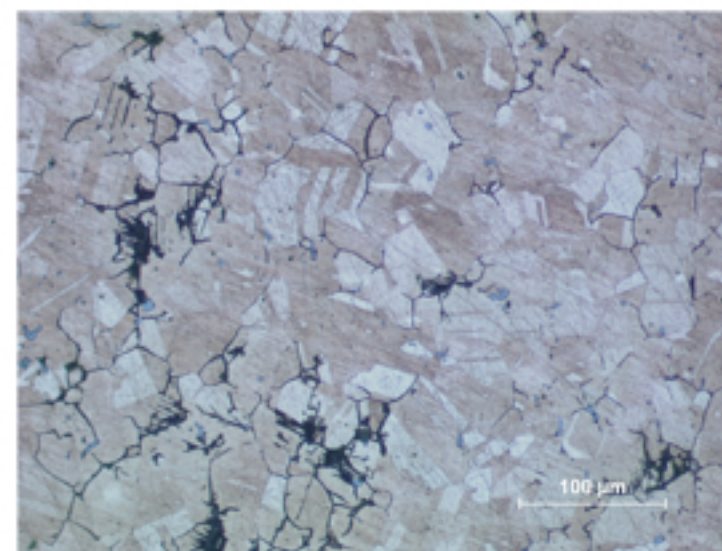
Recrystallized grains with annealing twins. Many internal imperfections resulting in intergranular corrosion and corrosion at strain lines (etchant: aqueous  $\text{FeCl}_3$ ).



B80.2

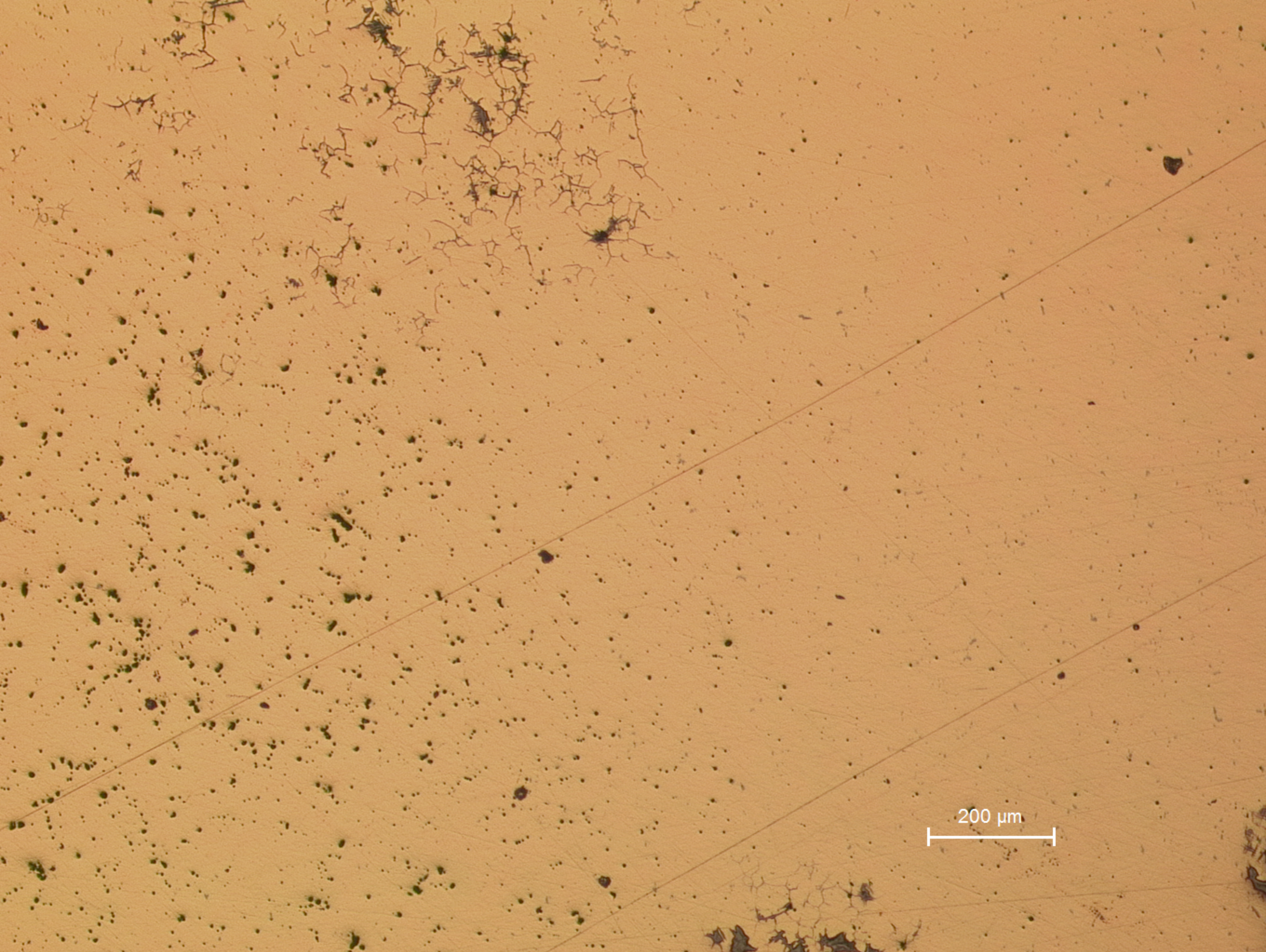


B80.3



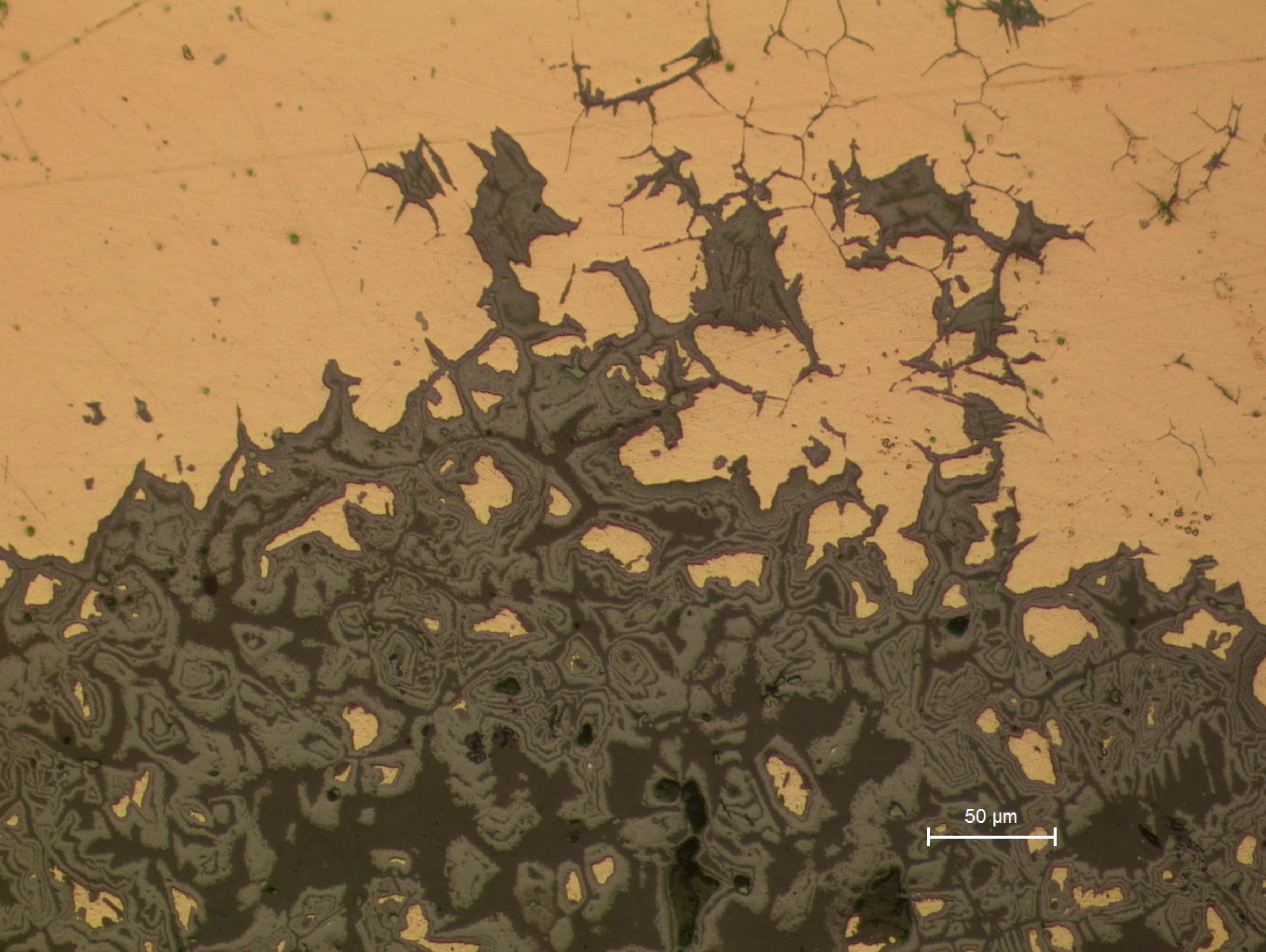
B80.4





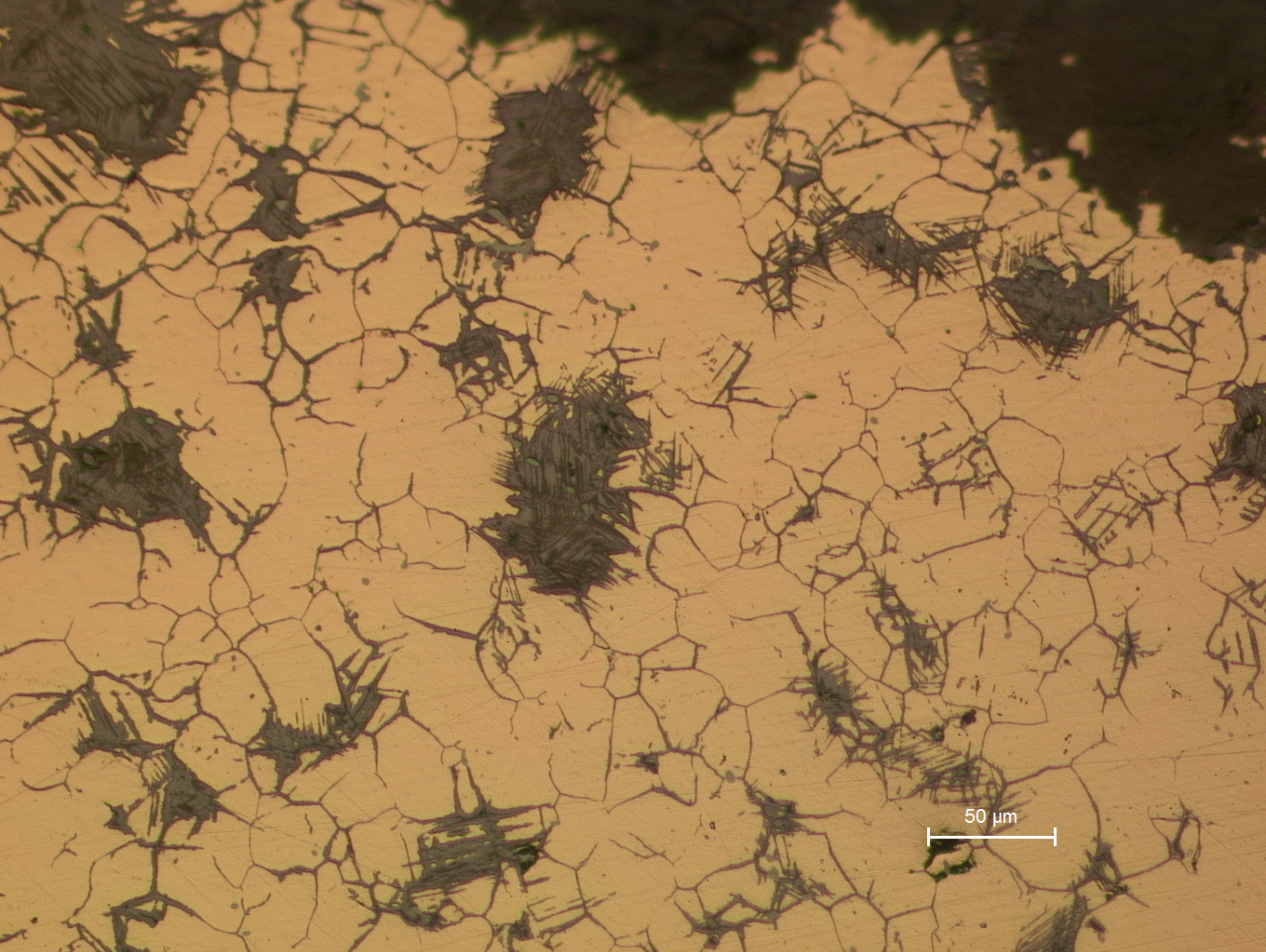
**B80.1**  
General view: showing heterogeneous distribution of pores and inclusions in the alloy.





**B80.2**  
Detail near the surface: intergranular corrosion (top) the original shape of the grains is retained within the corrosion products (bottom).

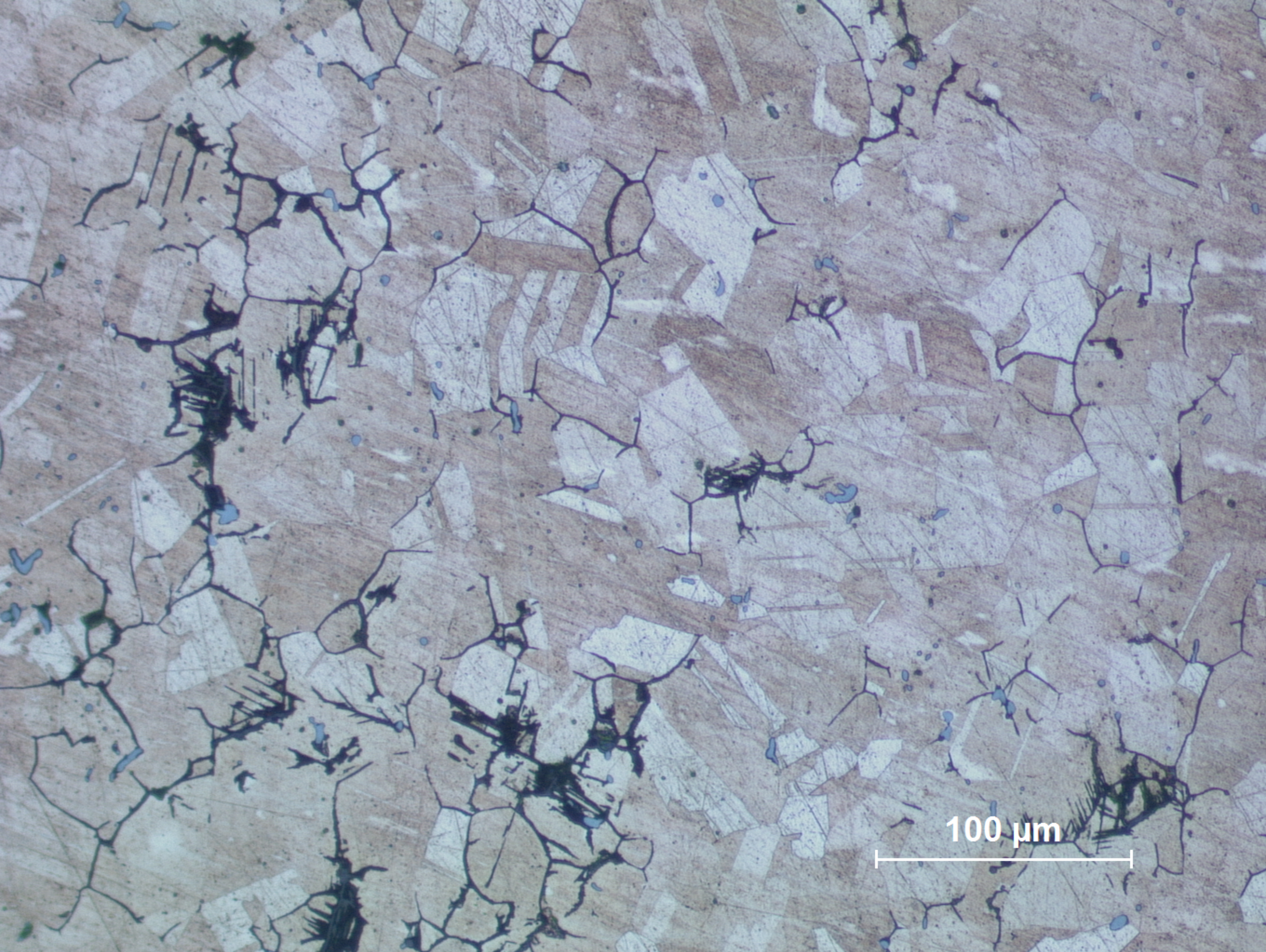




50 μm

**B80.3**  
Internal corrosion at different locations, especially intergranular and at strain lines.





100 μm

**B80.4**  
Recrystallized grains with annealing twins. Many internal imperfections resulting in intergranular corrosion and corrosion at strain lines (etchant: aqueous  $\text{FeCl}_3$ ).