

StannoPure[®] PF 10

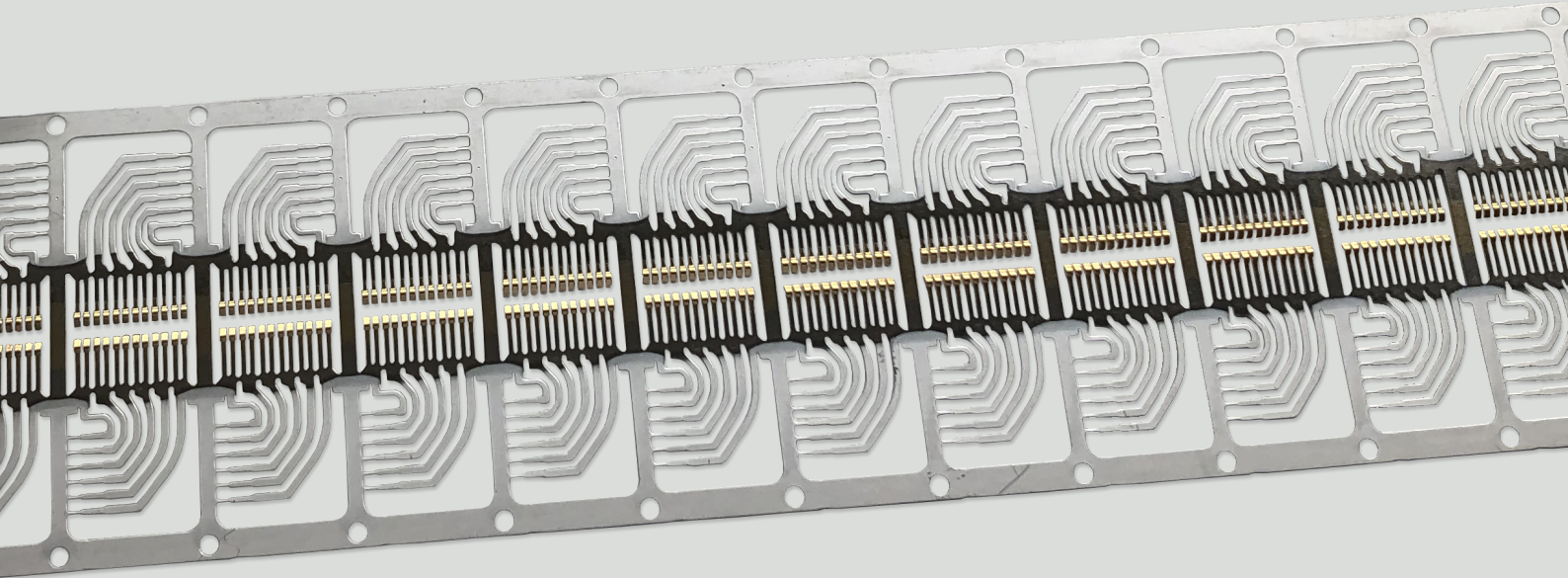
Electrolytic Sn process



Electronics

Functional electronic coatings

atotech.com



Green high speed tin process for lead frames and connectors with perfect coverage

100

percent coverage

Stannopure[®] PF 10

Stannopure[®] PF 10 is a high speed MSA based pure tin electrolyte for lead frames, connectors and wires. With its perfect tin coverage over the entire current density range Stannopure[®] PF 10 is designed to plate even the most difficult connector and lead frame designs. It is built on a new electrolyte suite that is free of BPA, NPE, PFAs and other critical additives.

Stannopure[®] PF 10 does not oil out even at high temperatures and deposits are perfectly solderable with a very low whisker propensity.

Electrolytic Sn process

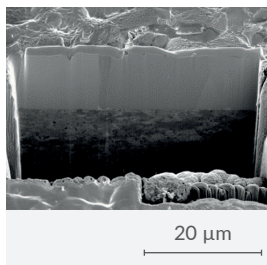
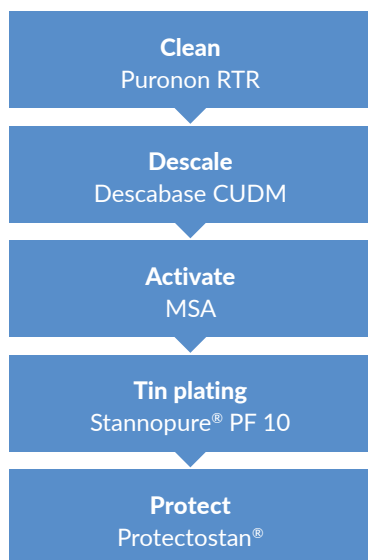
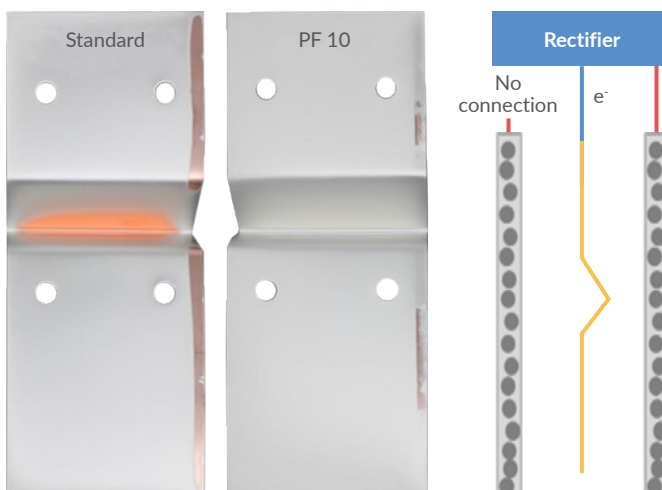


Figure 1:
Large brick like tin crystals
with a comparatively smooth
surface



Coverage test at 20 ASD



Features and benefits

- Green process free of critical additives
- Low MSA
- No oil out
- Perfect solderability with all lead-free and lead containing solders
- Perfect coverage over entire CD range even at lowest CD
- Low whisker propensity
- Developed for all modern plating tools

