

StannoPure[®] PF 10

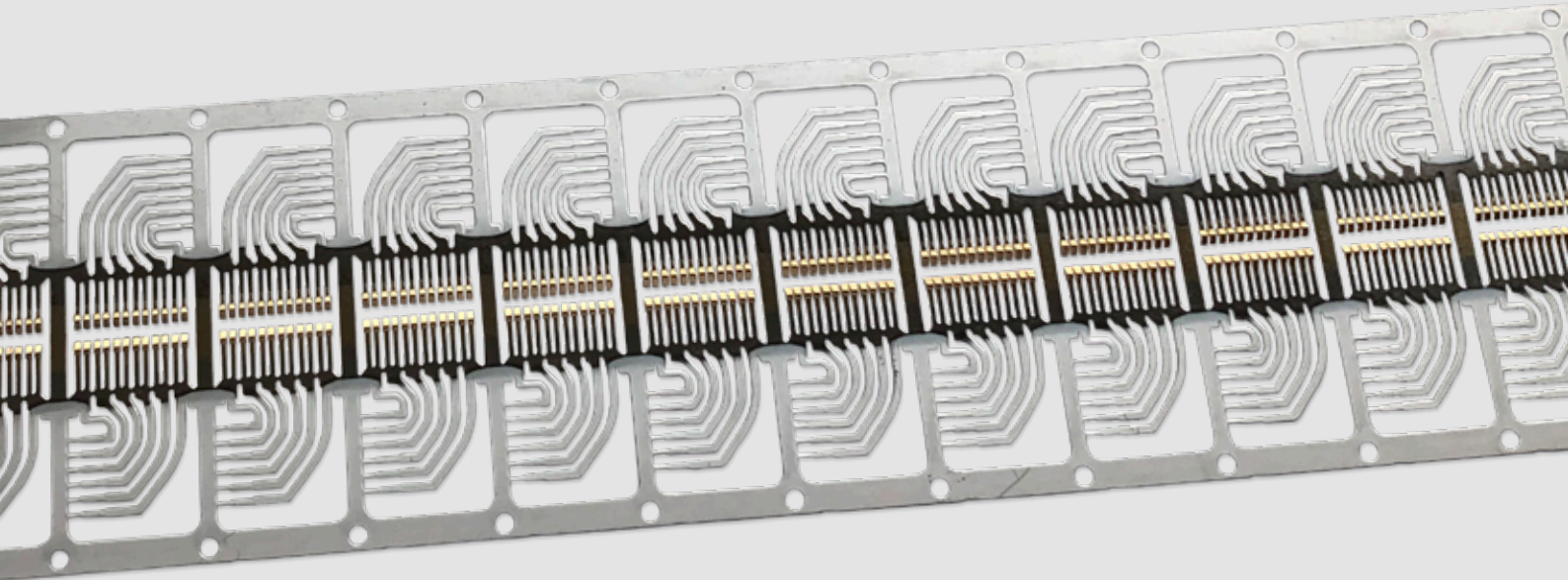
Electrolytic Sn process



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, and other critical additives and is non-PFAS based.

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

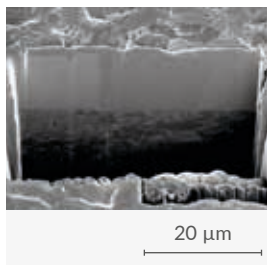
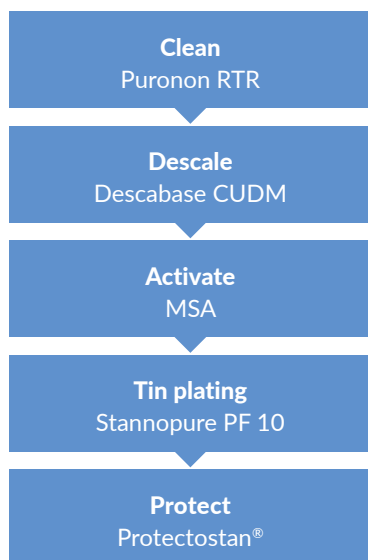
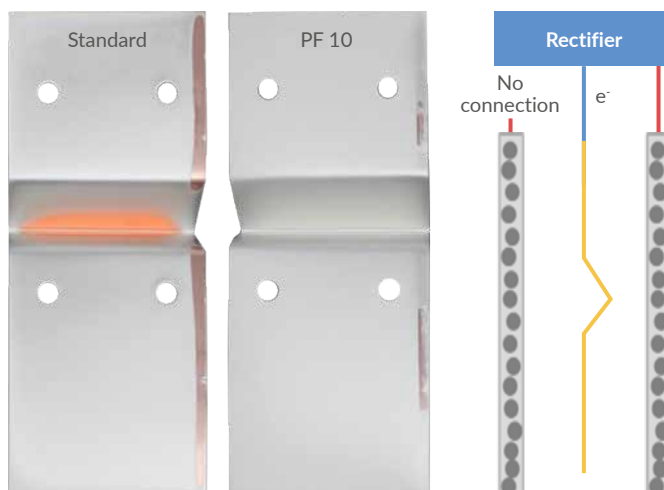


Figure 1:
Large brick like tin crystals
with a comparatively smooth
surface



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

