



COPPER TIN ALLOY PLATING PRODUCT



Commodity Name

HN-YS NON-CYANIDE BRASS TIN PLATING PROCESS



Bath Composition and Working Conditions

K4P2O7	250 ~ 450 g/L
Cu2P2O7	15 ~ 25g/L
Sn2P2O7	1 ~ 3 g/L
HN-YSM	15 ~ 25mL/L
Temperature	15 ~ 30°C
pH Value	8.0 ~ 9.0
Cathode Current Density	0.4 ~ 2.0 A/dm ²
Anode	Electrolytic Copper Anode
Deposition Rate	Each 3 min depositing 1 μ m under 1 A/dm ²
Agitation	Uniform air agitation
Filtration	Continuous 5um recycling filtration
Cell	Steel cell with plastics inside or plastic cell



Application and Advantage

- 1.The plating solutions are completely free of cyanide, safe and environmentally friendly.
- 2.The plating coating is uniform, and appears golden color. The color can be adjusted through adjusting the percentage of copper and tin.
- 3.Both rack plating and barrel plating are OK, it can be used on pre-plating, thickened plating and decorative plating.
- 4.The coating is in fine grained structure and is flexible, good adhesive to each kind of base materials.
- 5.The solution is stable, with advantages of sole adding, high efficiency, wide current density.



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