



ENVIRONMENTAL ELECTROLESS NICKEL PLATING PRODUCTS



Commodity Name

HN-SP ENVIRONMENTALLY FRIENDLY SPECIAL-LOW PHOSPHORUS ELECTROLESS NICKEL PLATING



Bath Composition and Working Conditions

| | |
|-------------------------------|----------------------------|
| HN-SPA | 50~60ml/L |
| HN-SPB | 180~220ml/L |
| Total Nickel | 5.5~6.0g/L |
| Temperature | 83~87°C |
| pH Value | 6.2~6.6 |
| Filtration | continuous filtration |
| Charge Capacity of Bath | 0.65~1.7dm ² /L |
| Phosphorus Content in Deposit | ≤3% |

• Supplement Method:

HN-SPA and HN-SPB are for making up, HN-SPA and HN-SPC are for supplement as 1:2 according to nickel content. For example, 10ml/L of HN-SPA and 20ml/L of HN-SPC are needed to work out the relevant ingredient when nickel content increases by 1g/L.



Application and Advantage

1. Excellent flexibility of deposit.
2. Excellent weldability of deposit.
3. Stable bath solution, easy to operate and control.
4. Special additives system, high tolerance against metal impurities, can prolong working life of bath.
5. Bath solution doesn't contain Pb, Cd, Hg, can meet the environmental standard.



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