

TECHNICAL DATA SHEET

CHROME NIL

Chrome Nil is a well blended powdered material used for neutralizing the chrome solution carried over on plated components as the components are transferred from the drag out tank after chrome plating.

Chrome Nil has dual function. The product apart from neutralizing the acidic chrome solution chemically reduces hexavalent chrome to harmless green trivalent chrome stage. Thus, the product makes waste treatment very simple. The reduced solution has to be treated with caustic soda to precipitate chromium hydroxide and thus prevents the heavy metal to pass through main sewage line.

Chrome Nil can be used effectively on automatic nickel and chrome plant for the removal of any chrome solution entrapped in Jigs or absorbed by jig coatings, thus preventing chrome contamination of the cleaning line.

OPERATING CONDITIONS :

Concentration	20-50 gm/lit
Temperature	Room
Time	30 sec- 2 min

EQUIPMENT :

The Chrome Nil solution can be preferably contained in a steel, stainless steel, PP and PVC lined tanks.

CONTROL :

To maintain the effective neutralization, Chrome Nil should be added regularly at the rate of 4-8 gm /lit and the additions are preferably made in the morning before starting the plating.

The additions might have to be increased in case there is a heavy carryover of chrome solution. Additions are necessary when the solution colour changes from green to light yellow.

DISCLAIMER :

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