

TECHNICAL DATA SHEET

GINBOND 884

Silicated Electrocleaner for continuous Electrocleaning line

Introduction :

GINBOND 884 is highly effective heavy duty electro cleaner for removal of various type of mill oil, coolants, rolling oil, charred residue etc. from ferrous sheets in continuous electrocleaning line.

GINBOND 884 is specially developed with various active ingredients and specific additive to provide excellent rinsability, degreasing efficiency regardless of water hardness. **GINBOND 884** is most economic in continuous bath life and provides excellent conductivity even at lower operating temperature.

Initial Bath Make-up :

Add 40-50 kg **GINBOND 884** per every 1000 litres of water. Add water to the mixing tank and heat upto 50-60 degree centigrade. Then add **GINBOND 884** slowly. Stir the solution to dissolve all materials and maintain temperature at desired level.

Operating Parameters:

Concentration	: 40 -50 g/l
Temperature	: 50 - 80 degree Centigrade
Contact time	: 2-5 seconds (as per line speed)
Line Speed	: 80-250 meter per minute
Current density	: 50-150 ASF
Polarity	: Anodic or Bipolar
Cathode	: M.S or stainless steel

Bath Analysis Procedure :

Pipette out 10 ml bath solution in a conical flask. Add 2-4 droops of phenolphthalein indicator solution. Titrate with 1.0 (N) sulfuric acid to a colourless end point.

Concentration of **GINBOND 884** (g/l) = ml of 1.0 (N) Sulfuric Acid x 6.12

Maintenance :

With continuous cleaning of metal sheet/roll, solution would be contaminated with grease oil, carbonaceous matter; coolant oil, iron dust particle etc and solution will be black. The floated oil in the storage tank may be removed once/twice a day by skim-off or by over flowing to get consistent cleaning efficiency and longer bath life. Operating tank solution should be discarded fully after at an interval 60-90 days as per depending upon the input oil load condition of the line.

Safety:

Both the cleaner powder and its solution are highly alkaline and corrosive. Aprons, gloves, goggles, boots should be used while handling these products. Splashes on skin should be washed off with sufficient running water.

Disposal :

The waste is strongly alkaline and should be neutralized before final discharge. Sludge deposited at the bottom of the tank should be dumped properly.

Issued on 12-11-02

Supersedes all earlier