# Technical Data Sheet

## Electro Cleaner EB-1002

Electro cleaner EB-1002 is alkaline with suitable surface active agent and chelating agent works efficiently to remove smut, oil, scales and buffing compounds also activates Proceed components for subsequent plating process.
It's Suitable for all kind of steel prior to plating.

**Make-Up Method-**

- Firstly clean tank & iron plates thoroughly. (Mild Steel Tank Recommended)
- Iron plates Hook and anode/Cathode contacts should be clean to avoid discontinuity of current.
- Fill tank 2/3rd with Ro/Line water below 500 TDS.
- Heat Solution till 70°c.
- Add hot water ½ in a spare tank/ drum and add some bags of Electro cleaner EB-1002 carefully And mix well. After proper dilution of Electro cleaner EB-1002 transfers this solution to main tank.
- By this process add all required Electro cleaner EB-1002 quantity to main tank. (Don't add directly/Without Dilution of Electro cleaner to Main tank).
- After Addition Maintain required solution level & temperature.

**Operating Parameters (All kinds of steel)**

| | |
|---|---|
| Addition: | 80-100grm/liter |
| Temperature: | 70-80°c |
| Residence Time: | 2-5 minutes |
| Density: | 8-10°B |
| Volt: | 3-6 (Subjected to surface Area) |
| Ampere: | 3-7 amp/dm2 |

**Operating Parameters (Brass, Zinc Die casting and Copper)**

| | |
|---|---|
| Addition: | 40-60grm/liter |
| Temperature: | 50-60°c |
| Residence Time: | 1-2 minutes |
| Density: | 4-6°B |
| Volt: | 3-6 (Subjected to surface Area) |
| Ampere: | 3-5amp/dm2 (For zinc cathodic cleaning recommended) (Brass, Copper 10-20 sec anodic cleaning followed by cathodic) |

**Replenishment:**

When Density observed below 4B° add Electro cleaner EB-1002 10grm/liter to increase in 01B°.

**Cautions:**

- Must Wear PPE's Rubber Gloves, Long shoes and apron during chemicals mixing.
- Keep on oil separator for removal of oil from solution surface manually periodically.

**Waste Treatment:**

EB-1002 is a highly alkaline chemical. It is recommended that EB-1002 solutions be mixed with effluent from acid solutions prior to entering the Neutralization tank. Allow solution for precipitation or filter the solution prior to discharge into sewerage line.



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