

# Jig Coating Compound

## GENERAL CHARACTERISTICS

Coatings insulations with a wide range of industrial uses which Include:

- Coating racks baskets, hooks and other materials.
- Handling equipment when resilience is required to Protect finished parts.
- Providing a corrosion-resistant coating for duct work, tanks, pipes and other surfaces.
- Giving plating racks highly efficient electrical insulation properties

Coating insulations have the following

- High chemical resistance permits use in all
- Proprietary plating cycles without deterioration or contamination.
- High dielectric strength.
- Maximum toughness and abrasion resistance.
- High material stability and adhesion for ease of application.
- Maximum resilience and flexibility.
- High gloss provides optimum

## APPLICATION PROCEDURES

1. Clean metal surface thoroughly prior to coating application. Sandblasting with clean sand or pickling and degreasing is usually satisfactory. Metal must be free of any greases, oil, old coating or other foreign objects.
2. After thoroughly cleaning of parts put in oven and heat till 290°C to 310°C for 10-15 minutes.
3. Remove metal part from oven and dip into coating compound. Leave part in compound until desired coating thickness is formed. Thickness will be determined by the temperature of the part and the length of time part is in the compound.
4. Withdraw part slowly from tank and allow draining until dripping stops. Bake coated part at 200°C to 230°C oven for five (05) minutes to ten (10) minutes. Required baking time depends on oven efficiency, mass of the part and thickness of the coating. The coating will become shiny when fully cured. If excessive smoke is noticed during the curing process, check oven temperature for compliance. As a general rule, the coating compound will be 30-60 mils thick when cured.

### SPECIFICATIONS FOR COATING COMPOUND

Color.....Green(Al colors' available in bulk qty)  
Viscosity as Mfg.....4000-6000 cps  
Wt./Gal.....10 lbs.  
Spec. Gravity..... 1.24  
Consumption.....450m2  
Dry film Thickness.....15-20mils  
Flash Point.....Cures  
Solids.....100%  
Storage.....Not exceed than 35°C  
Shelf Life.....15 months

\*\*\*Available in 25kg, 50kg drums\*\*\*

### PROPERTIES

Tensile Strength.....2000 psi  
Elongation.....310%U  
dometer (Shore A).....70±5Tear  
Strength.....400 lbs/in.  
Abrasion Resistance..... Excellent Normal Temple  
Temperature Flex.....-40°F 1"  
Properties.....500-600 V/Mill Aging  
Properties.....Unlimited Water  
Absorption.....96%  
Acids.....Excellent  
Alkalis.....Excellent