Product Data Sheet

General Description
PRODUCT CODE: E0SR80
PRODUCT NAME: TYCO RED
CHEMISTRY: EPOXY
SURFACE FINISH: SMOOTH

Application Recommendation
Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment: Iron or Zinc phosphate is recommended for optimum performance.
Cure Schedule: 10 min. at 400 Deg. F or 15 min. at 375 Deg. F, Metal temperature.
Film thickness: 2-3 mils.
Weatherability: Indoor, general metal application.
Advantage: Excellent application efficiency and recoat ability.
Unique ability to achieve good flow at low film thickness.

Designed for electrostatic application. This Epoxy powder coating is developed to meet/exceed specification set forth MIL-C-24712
Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics
Specific Gravity Calculated 1.52
Coverage Calculated 127 squares foot/lb./mil
Particle Size ASTM D3451 0-10% over 200 Mesh
Alpine Jet Sieve 40-45% over 400 Mesh
Gloss 60 Degree ASTM D 523 5-6 units
Impact Resistance ASTM D 2794 100 in.lbs.Direct/ 100 in.lbs. Reverse
Flexibility ASTM D 522 Pass 1/8” Mandrel
Pencil Hardness ASTM D 3363 2H
Adhesion ASTM D 3359 5B Method B
Salt Spray Resistance ASTM B 117 1000+ hours
Humidity Resistance ASTM D 2247 1000+ hours

This Epoxy Powder Coating is developed to meet/exceed compliance set forth in THE EUROPEAN UNION 2002/95/EC on the restriction of the use of certain hazardous substance in electrical and electronic equipment. (RoHS DIRECTIVE. ARTICLE 4.1)

Testing performed on Bonderite B1000 panels.

Important Warranty and Disclaimer: The information contained herein is to the best of our knowledge, true and accurate. All recommendations or suggestions for use are made without guarantee, since the conditions of use are beyond our control. The performance characteristics of these products vary according to product application, operating conditions, and materials applied to. Since these factors can affect results, we recommended that you perform your own test to determine to your satisfaction whether the product is acceptable and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the product to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty. Nortek Corporation disclaims any liability incurred in connection with the use of our products and information contained herein. No representative of ours has authority to waive or change these provisions, which applies to all product sales.