

ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH
CODE

REVISION
LEVEL

BRIEF DESCRIPTION:

YI-0 EZINC-BAKE-PTHEAD-RoHS

YI

0

REV DATE: 11/7/2017

GENERAL DESCRIPTION

.0002 MINIMUM ELECTROPLATED ZINC WITH TRIVALENT CHROMATE.
PAINT HEAD PER GE COLOR CHIP PMS #430C. USE ONLY POLYURETHANE PAINT TO PREVENT CHIPPING.
!!!MUST BE RoHS COMPLIANT!!!

APPEARANCE

CLEAR BRIGHT COLOR REFLECTING THE BRIGHT SHINY ZINC WITH A SMOOTH LOW FRICTION FEE.
HEADS TO BE PAINED GRAY AND HAVE A SMOOTH APPEARANCE.

ADHESION AND DUCTILITY

TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

CORROSION REQUIREMENTS

RED RUST: 196

WHITE CORRIOSION: 96

SALT SPRAY TESTS TO BE PERFORMED PER ASTM B117

COATING THICKNESS REQUIREMENTS

MIN. THICKNESS: .0002 MAX. THICKNESS: .0004
THICKNESS SHALL BE TESTED PER ASTM E376

STRESS RELIEF

PARTS TO BE BAKED AT 400 DEGREES F FOR 4 HOURS WITHIN 1 HOUR OF BASE PLATING

QUALITY CONTROL

VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, FREEDOM FROM TEARS, BARE SPOTS, POWDERY FILM, SLOUGHING OFF OF FILM, AND BLISTERING

PROCESS TO

GE F70B13D22 GE COLOR CHIP PMS #430C

PRINT DATE:

11/7/2017