

ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH
CODE

REVISION
LEVEL

BRIEF DESCRIPTION:

HV-1 E NICKEL-BAKE-UVWAX-RoHS

HV

0

REV DATE: 4/1/2007

GENERAL DESCRIPTION

.0002 MIN ELECTROPLATED BRIGHT NICKEL & WAX WITH UV TRACER. NO COPPER FLASH IS PERMITTED
!!!MUST BE RoHS COMPLIANT!!!

APPEARANCE

BRIGHT SHINY NICKEL APPEARANCE

ADHESION AND DUCTILITY

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

CORROSION REQUIREMENTS

RED RUST: 8

WHITE CORROSION: 0

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

GRINDING WHEEL TEST: SAMPLE PARTS WILL BE GROUND ON EDGES THROUGH THE PLATED DEPOSIT AND INTO THE BASE METAL AND THE GROUNDED EDGES EXAMINED FOR FLAKING OR PEEELING. VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, BLISTERING AND EXCESSIVE WAX. NO COPPER FLASH IS PERMITTED!!

EQUIVALENT SPECS

ASTM B456

GE: F70E13A4

APPROVED SUPPLIERS:

PRINT DATE:

3/19/2007