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PTM&W Industries, Inc.

IEC 60695-10-2

BALL PRESSURE TEST

Material Designation: PT8952

Report Number: 47732

(1 of 4)

First In Test Technology & Expertise

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SUBMISSION IDENTIFICATION

The following sample(s) were submitted and received in a suitable condition for testing:

TEST SAMPLES SUBMITTED: 2012/05/31

REPORT DATE: 2012/06/04

PURCHASE ORDER NUMBER: 23807

MATERIAL DESIGNATION: PT8952

COLOR: NC

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IN ACCOUNT WITH:

PTM&W Industries, Inc.

10640 S. PAINTER AVE.

SANTA FE SPRINGS, CA 90670

Attention: Bill Romey

BALL PRESSURE TEST

REFERENCE

IEC 60695-10-2; 2nd Edition

SPECIMENS

One (1) sample measuring 52mm by 53mm with a thickness of 2.6mm were conditioned for a minimum of 24 hours at 15-35°C and 45% to 75% relative humidity.

REQUIREMENT

Customer requested a test temperature of 75°C.

METHOD

A forced air convection oven was allowed to stabilize for 18 hours at the test temperature. An hour before the test was start the sample platform and ball pressure apparatus were placed into the oven to stabilize at the test temperature.

After reaching equilibrium the sample was placed on the platform in the oven and the ball pressure apparatus was placed near the center of the samples and the oven was resealed. After 60 minutes (+2/-0 min) the sample was removed from the oven and dropped into a 1 liter flask of 20±5°C water within 10 seconds. The sample was allowed to remain in the water for 6±2 minutes and was then removed and dried. Within 3 minutes the diameter of the indentation was measured using a calibrated microscope.

The resulting indentation shall be less then 2.0mm in diameter.

RESULTS

One sample was tested following the test method above and the resulting indentation was 1.6mm. The sample meets the requirements of the test method when conditioned at 75°C.

CERTIFICATE OF CONFORMANCE

Microtek Laboratories certifies that the test equipment used complies with the calibration requirements of ANSI/NCSL Z540-1, IPC-QL-653, and ISO/IEC-17025 and that the data contained in this report is accurate within the tolerance limitation of this equipment.

The materials and/or devices furnished on this order have been tested/analyzed/and inspected in accordance with all designated instructions and specifications. Physical reports and other data pertinent to applicable specifications are on file and available for inspection at this plant.

All test procedures detailed are complete. If any additional information or clarification of this report is required, please contact us.

Thank you for selecting Microtek Laboratories for your testing requirements.

Report prepared by,

Respectfully submitted,

Kevin Belisario
Test Technician
MICROTEK LABORATORIES

Michael Young
Engineering Manager
MICROTEK LABORATORIES