



TEST REPORT

No. : GPL0409214

Date : Nov.09,2004

Page: 1 of 2

APPLICANT:

DEFOND ELECTRICAL INDUSTRIES LIMITED

2nd Industrial Zone, Hongmei Town, Dongguan City

SAMPLE DESCRIPTION:

The following kind of sample was submitted by the applicant for testing:

Name: Silicone Rubber Keypad

Color: Black

Buyer: Defond

Manufacturer: Hi-Tech

TEST REQUESTED :

As specified by client, to do the temperature cycling test.

TEST METHOD:

Supplied by the client

DATE OF SAMPLE RECEIVED: Sep.21,2004

TEST PERIOD: Sep.21,2004 to Nov.09,2004

RESULTS: Please refer to next page.

***** To be continued *****

Signed and on behalf of
SGS-CSTC Standards
Technical Services Co., Ltd

Paul Chan
Senior Section Head

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Guangzhou Laboratory - Polymer Laboratory

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RESULT:

Test method: supplied by client,

- A. start test at ambient temperature (20°C)
- B. Ramp temperature down to -40°C
- C. Soak at -40°C for 180min
- D. Ramp temperature to 125°C
- E. Soak at 125°C for 180min

Repeat the step B to E, total 120 times.

Number of specimens tested: 3pcs

Sample	Color change after test (Gray scale, ISO 105-A02)	Damage of surface after test	Shape of sample after test
The white paint part	3-4	No visible cracking or other damage	No visible deforming
The red paint part	4-5	No visible cracking or other damage	No visible deforming
The black paint part	4	No visible cracking or other damage	No visible deforming

Notes: The gray scale classification was determined under the D65 standard light, In ISO 105-A02, the class 5 is the best and the class 1 is the worst.

*****End of report*****

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