

Test Report

No. SHAEC1011751501

Date: 14 Sep 2010

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HANGZHOU FREETRON INDUSTRIAL CO.,LTD

CHUN JIANG ROAD NO.1117,ECONOMIC DEVELOPMENT AREA OF TONGLU,ZHEJIANG,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : TURNER

SGS Job No. : SP10-028208 - SH

Date of Sample Received : 13 Aug 2010

Testing Period : 13 Aug 2010 - 07 Sep 2010

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion : When tested as specified, the submitted sample complies with the permissible safety limit as specified in LFGB, Section 30 and 31.

Signed for and on behalf of
SGS-CSTC Ltd.



Zhou Yan, Crystal
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA10-117515.001	Grey silicone

Extractable component

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation.
For material: silicon rubber - Extractable component

Test Method : With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46 (2003) 362.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Extractives</u>
Distilled water	5.0hr	reflux temperature	0.5% (w/w)	<0.1% (w/w)
3% Acetic acid	5.0hr	reflux temperature	0.5% (w/w)	<0.1% (w/w)
10% Ethanol	5.0hr	reflux temperature	0.5% (w/w)	<0.1% (w/w)

Notes :

%w/w =percentage of weight by weight

Peroxide value

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation.
For material: silicon rubber -Peroxide value

Test Method : With reference to European pharmacopoeia, 2005 Appendix X F. Peroxide Value method A

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Peroxide Value	Absent	Absent

Sensorial examination odour and taste test

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005

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(LFGB), Section 30 and 31, BfR recommendation.
Sensorial examination odour and taste test

Test Method : Robinson`s test with reference to DIN 10955:1983 (2004).

Odour test condition: 23°C 24 hours;

Taste test condition: 100°C 1hour;

Test media: Distilled water;

No. of panelist: 5

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0

Notes :

Scale evaluation:

0: No perceptible odour

1: Odour just perceptible (still difficult to define)

2: Moderate odour

3: Moderately strong odour

4: Strong odour

Volatile organic matter

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation.
For material: silicon rubber - Volatile organic matter (VOM)

Test Method : With reference to 60. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 45 (2002) 462 and LFGB § 64 BVL B 80.30.1(EG).

Test condition :200°C, 4 hours

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Volatile organic matter (VOM)	0.5	% (w/w)	0.1	ND

Notes :

%(w/w) =percentage of weight by weight

Organotin content (Monobutyltin, Dibutyltin, Tributyltin, Tetra-butyltin, Triphenyltin, Mono-octyltin, Di-octyltin)

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005

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