

TEST REPORT

Reference No. : TRHZ1405322

Date : May 15, 2014

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Client : SUZHOU AOKE RUBBER TECHNOLOGY LTD.
Address : NO.4, TONGXIN ROAD, WANPING WUJIANG DISTRICT, SUZHOU CITY,
JIANGSU PROVINCE.

The following merchandise was (were) submitted and identified by the client as:

Name of Product : SILICONE SPONGE
Test Model : /
Model May Cover : /
Main Material : Silicone gel
Supplier : Applicant Suzhou AOKE Rubber Technology Ltd.
Sample Received : May 12, 2014
Test Period : May 12, 2014 - May 14, 2014
Test Request : To determine the Pb, Cd, Hg, Cr(VI), PBBs & PBDEs content of the submitted sample.
Test Method : Please refer to page 3.
Test Result: Please refer to page 2.
Conclusion : Based on the analysis on the submitted sample, the test results **not exceed** the requirement of RoHS Directive 2011/65/EU(RoHS 2.0).

Issued by:



TÜV NORD (Hangzhou)
Green Product Service Centre
Technical Manager

TÜV NORD (Hangzhou) CO.,LTD.

Member of TÜV NORD Group

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TEST RESULTS:

No.	Test Items	Methods	MDL (mg/kg)	Results [^] (mg/kg)	Limited Value* (mg/kg)
1	Pb	M1	2	N.D.	1000
2	Hg	M2	2	N.D.	1000
3	Cd	M1	2	N.D.	100
4	Cr (VI)	M3	2	N.D.	1000
5	Monobromobiphenyl (MonoBB)	M4	5	N.D.	---
	Dibromobiphenyl (DiBB)		5	N.D.	---
	Tribromobiphenyl (TriBB)		5	N.D.	---
	Tetrabromobiphenyl (TetraBB)		5	N.D.	---
	Pentabromobiphenyl (PentaBB)		5	N.D.	---
	Hexabromobiphenyl (HexaBB)		5	N.D.	---
	Heptabromobiphenyl (HeptaBB)		5	N.D.	---
	Octabromobiphenyl (OctaBB)		5	N.D.	---
	Nonabromobiphenyl (NonaBB)		5	N.D.	---
	Decabromobiphenyl (DecaBB)		5	N.D.	---
	Total PBBs / sum of above		---	N.D.	1000
	Monobromodiphenyl ether (MonoBDE)		5	N.D.	---
	Dibromodiphenyl ether (DiBDE)		5	N.D.	---
	Tribromodiphenyl ether (TriBDE)		5	N.D.	---
	Tetrabromodiphenyl ether (TetraBDE)		5	N.D.	---
	Pentabromodiphenyl ether (PentaBDE)		5	N.D.	---
	Hexabromodiphenyl ether (HexaBDE)		5	N.D.	---
	Heptabromodiphenyl ether (HeptaBDE)		5	N.D.	---
	Octabromodiphenyl ether (OctaBDE)		5	N.D.	---
	Nonabromodiphenyl ether (NonaBDE)		5	N.D.	---
Decabromodiphenyl ether (DecaBDE)	5	N.D.	---		
Total PBDEs / sum of above	---	N.D.	1000		

Remark : * The limited value is quoted from the RoHS directive 2011/65/EU.

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

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- Note :**
- 1) MDL = Method Detection Limit.
 - 2) “---” = Not Regulated.
 - 3) N.D. = Not detected, less than MDL.
 - 4) M1: With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.
 - 5) M2: With reference to IEC 62321-4: 2013, analysis was performed by ICP-OES.
 - 6) M3: With reference to IEC 62321: 2008, analysis was performed by UV-vis.
 - 7) M4: With reference to IEC 62321: 2008, analysis was performed by GC-MS.
 - 8) ▲As specified by client, the sample was tested in mixture.

Test Part Description: Silicone sponge

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

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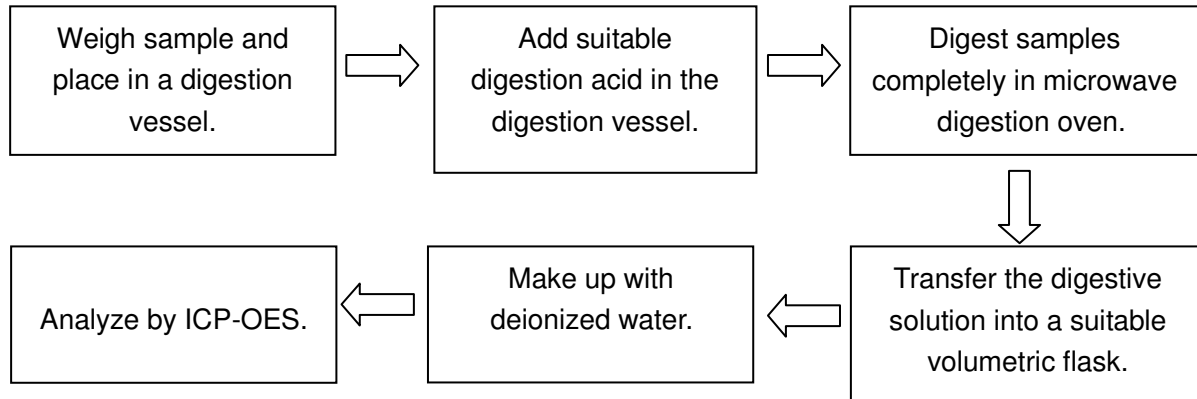
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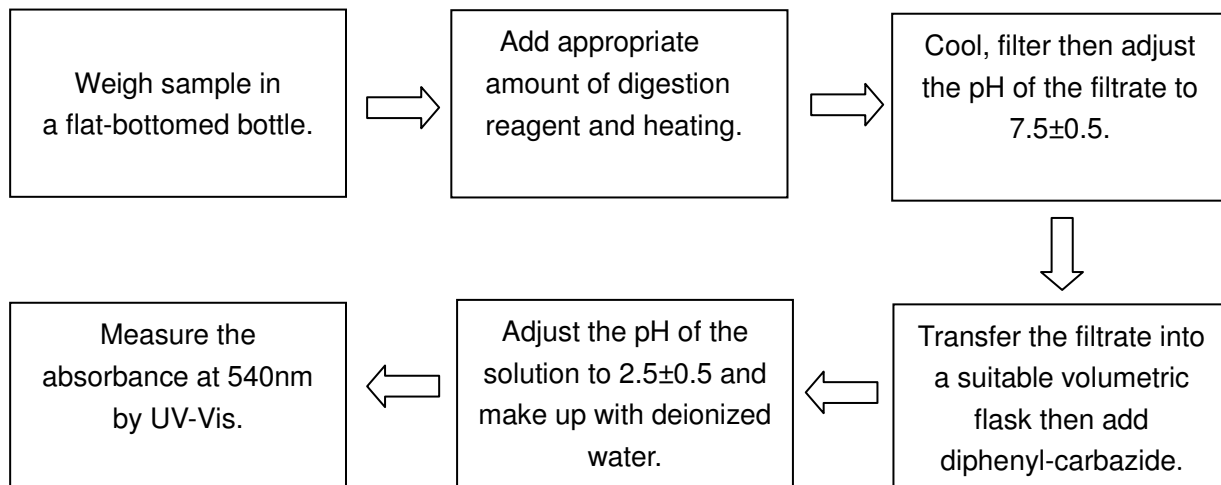
FLOW CHART

1. Test for Pb、Hg、Cd Content



Sample Material	Digestion Acid
Glass	HNO ₃ /HF
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion.

2. Test for Chromium (VI) Content



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

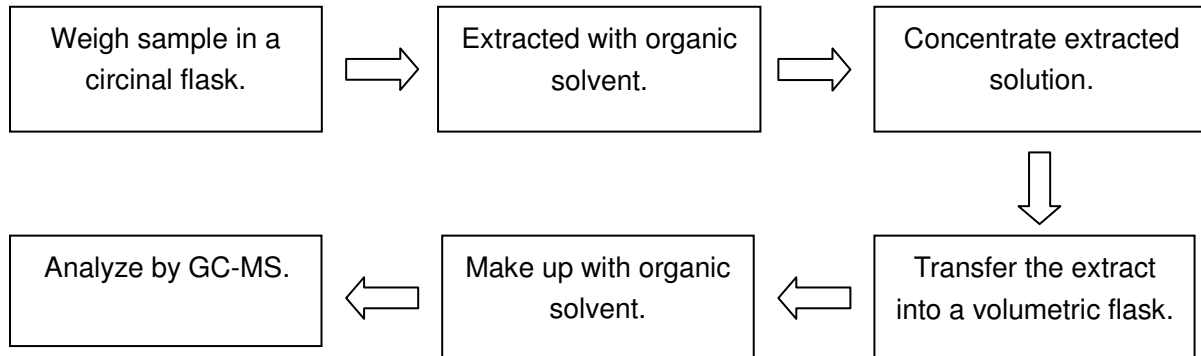
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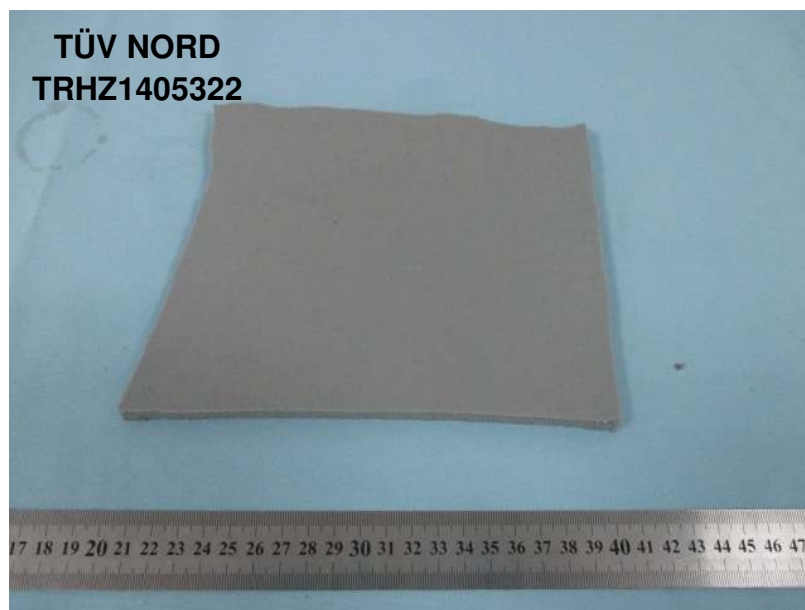
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3. Test for PBBs & PBDEs Content



SAMPLE PHOTO



***** END OF REPORT *****