



Test Report

No. TJTC 0828326/CHEM

Date: July 18, 2008

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YANTAI E.S.T SILICONE TECH CO., LTD
89 HUANHAI-ROAD, YANTAI CITY, SHANDONG CHINA

The following sample(s) was/were submitted and identified by/on behalf of the client as: SILICONE

SGS Ref No. : 11164834
Main substance : DIHYDROXY POLYDIMETHYL SILOXANE
Part No. : TE-602


Sample Receiving Date : July 15, 2008
Testing Period : July 15 to July 18, 2008

Test Requested : 1) To determine the Cadmium content in the submitted sample.
2) To determine the Lead content in the submitted sample.
3) To determine the Mercury content in the submitted sample.
4) To determine the Hexavalent Chromium content in the submitted sample.
5) To determine the PBBs(Polybrominated biphenyls) PBBEs(PBDEs)
(Polybrominated biphenyl ethers) content in the submitted sample.

Test method : 1) With reference to IEC 62321/2nd CDV (111/95/CDV) for Cadmium content.
Analysis was performed by ICP-AES.
2) With reference to IEC 62321/2nd CDV (111/95/CDV) for Lead content.
Analysis was performed by ICP-AES.
3) With reference to IEC 62321/2nd CDV (111/95/CDV) for Mercury content.
Analysis was performed by ICP-AES.
4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium
content.
Analysis was performed by UV-Vis Spectrometry.
5) With reference to IEC 62321/2nd CDV (111/95/CDV) for PBBs and PBDEs content.
Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Lucid Qi
Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	A	MDL
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	n.d.	2
Sum of PBBs	(5)	n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl		n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl		n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl		n.d.	5
Sum of PBDEs		n.d.	-
Monobromodiphenyl ether		n.d.	5
Dibromodiphenyl ether		n.d.	5
Tribromodiphenyl ether		n.d.	5
Tetrabromodiphenyl ether		n.d.	5
Pentabromodiphenyl ether		n.d.	5
Hexabromodiphenyl ether		n.d.	5
Heptabromodiphenyl ether		n.d.	5
Octabromodiphenyl ether		n.d.	5
Nonabromodiphenyl ether	n.d.	5	
Decabromodiphenyl ether ##	n.d.	5	

(Result shown is of the total weight of sample)

Test Part Description:

A. black paste

Note : (1) mg/kg = ppm

(2) n.d. = Not Detected

(3) MDL = Method Detection Limit

(4) ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008

(5) "-" = Not Regulated

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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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