

No. SH9063732/CHEM

Date: Apr. 22, 2009 Page 1 of 11

BEISIT ELECTRIC (HANGZHOU) CO. LTD

1, Tangmei Road, Yuhang Economic Development Zone, Hangzhou, Zhejiang 311100, China

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

Sample Name SGS Ref No. Sample Information	: ①NYLON CABLE TIE②CRIMP CONNECTOR③CONNECTOR STRIP④ HEATSHRINK SLEEVING⑤CABLE CLIP⑥CABLE TIDY⑦CABLE TIE MOUNT : 11685829-1 : PA66 PE CU STEEL NAIL ETC.
Sample Receiving Date Testing Period	e : Apr.10, 2009 : Apr.10–15, 2009
Test Requested	: In accordance with the RoHS Directive 2002/95/EC, and its amendment directives
Test Method	 : (1) With reference to IEC 62321:2008 for Cadmium content. Analysis was performed by ICP. (2) With reference to IEC 62321:2008 for Lead content. Analysis was performed by ICP and AAS. (3) With reference to IEC 62321:2008 for Mercury content. Analysis was performed by ICP. (4) With reference to IEC 62321:2008 for Hexavalent Chromium by spot test / Colorimetric Method. (5) With reference to IEC 62321:2008 for PBBs / PBDEs content. Analysis was performed by GC/MS.
Test Dessile	

Test Results : Please refer to next pages

Signed for and on behalf of SGS-CSTC Chemical Laboratory

Nao andy

Sandy Hao Lab Manager

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No. SH9063732/CHEM

Date: Apr. 22, 2009

Page 2 of 11

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

Test Item(s):	<u>Method</u> (refer to)	<u>1</u>	<u>2</u>	<u>3</u>	MDL	<u>RoHS</u> Limit
Cadmium(Cd)	(1)	ND	ND	ND	2	100
Lead (Pb)	(2)	ND	8	ND	2	1000
Mercury (Hg)	(3)	ND	ND	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND	ND	ND	2	1000
Sum of PBBs		ND	ND	ND	-	1000
Monobromobiphenyl		ND	ND	ND	5	-
Dibromobiphenyl		ND	ND	ND	5	-
Tribromobiphenyl		ND	ND	ND	5	-
Tetrabromobiphenyl		ND	ND	ND	5	-
Pentabromobiphenyl		ND	ND	ND	5	-
Hexabromobiphenyl		ND	ND	ND	5	-
Heptabromobiphenyl		ND	ND	ND	5	-
Octabromobiphenyl		ND	ND	ND	5	-
Nonabromobiphenyl		ND	ND	ND	5	-
Decabromobiphenyl	(5)	ND	ND	ND	5	-
Sum of PBDEs	(5)	ND	ND	ND	-	1000
Monobromodiphenyl ether		ND	ND	ND	5	-
Dibromodiphenyl ether		ND	ND	ND	5	-
Tribromodiphenyl ether		ND	ND	ND	5	-
Tetrabromodiphenyl ether		ND	ND	ND	5	-
Pentabromodiphenyl ether		ND	ND	ND	5	-
Hexabromodiphenyl ether		ND	ND	ND	5	-
Heptabromodiphenyl ether		ND	ND	ND	5	-
Octabromodiphenyl ether		ND	ND	ND	5	-
Nonabromodiphenyl ether		ND	ND	ND	5	-
Decabromodiphenyl ether##		ND	ND	ND	5	-
Test Item(s):	<u>Method</u> (refer to)	<u>4</u>	<u>5</u>	<u>6*</u>	MDL	<u>RoHS</u> Limit

<u>Test Item(s):</u>	<u>Method</u> (refer to)	<u>4</u>	<u>5</u>	<u>6*</u>	<u>MDL</u>	<u>RoHS</u> Limit
Cadmium(Cd)	(1)	ND	ND	ND	2	100
Lead (Pb)	(2)	ND	ND	41	2	1000
Mercury (Hg)	(3)	ND	ND	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND	ND	ND	2	1000
Sum of PBBs	(5)	ND	ND	ND	-	1000
Monobromobiphenyl		ND	ND	ND	5	-
Dibromobiphenyl		ND	ND	ND	5	-
Tribromobiphenyl		ND	ND	ND	5	-
Tetrabromobiphenyl		ND	ND	ND	5	-
Pentabromobiphenyl		ND	ND	ND	5	-
Hexabromobiphenyl		ND	ND	ND	5	-

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No. SH9063732/CHEM

Date: Apr. 22, 2009

Page 3 of 11

Heptabromobiphenyl
Octabromobiphenyl
Nonabromobiphenyl
Decabromobiphenyl
Sum of PBDEs
Monobromodiphenyl ether
Dibromodiphenyl ether
Tribromodiphenyl ether
Tetrabromodiphenyl ether
Pentabromodiphenyl ether
Hexabromodiphenyl ether
Heptabromodiphenyl ether
Octabromodiphenyl ether
Nonabromodiphenyl ether
Decabromodiphenyl ether##

ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	-	1000
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-
ND	ND	ND	5	-

<u>Test Item(s):</u>	<u>Method</u> (refer to)	<u>7</u>	<u>8</u>	MDL	<u>RoHS</u> <u>Limit</u>
Cadmium(Cd)	(1)	22	ND	2	100
Lead (Pb)	(2)	3	ND	2	1000
Mercury (Hg)	(3)	ND	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND		2	1000
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)		Negative	#	-
Sum of PBBs	(5)	ND		-	1000
Monobromobiphenyl		ND		5	-
Dibromobiphenyl		ND		5	-
Tribromobiphenyl		ND		5	-
Tetrabromobiphenyl		ND		5	-
Pentabromobiphenyl		ND		5	-
Hexabromobiphenyl		ND		5	-
Heptabromobiphenyl		ND		5	-
Octabromobiphenyl		ND		5	-
Nonabromobiphenyl		ND		5	-
Decabromobiphenyl		ND		5	-
Sum of PBDEs		ND		-	1000
Monobromodiphenyl ether		ND		5	-
Dibromodiphenyl ether	1	ND		5	-
Tribromodiphenyl ether	7	ND		5	-
Tetrabromodiphenyl ether	7	ND		5	-
Pentabromodiphenyl ether]	ND		5	-
Hexabromodiphenyl ether	7	ND		5	-
Heptabromodiphenyl ether		ND		5	-

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No. SH9063732/CHEM

Date: Apr. 22, 2009

Page 4 of 11

Octabromodiphenyl ether		ND	 5	-
Nonabromodiphenyl ether		ND	 5	-
Decabromodiphenyl ether##		ND	 5	-
	Method		BoHS	

<u>Test Item(s):</u>	<u>Method</u> (refer to)	<u>10</u>	MDL	<u>RoHS</u> <u>Limit</u>
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	55	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)	Negative	#	-

Test Part Description:

- 1. White plastic tape
- 2. Blue plastic tube with white printing
- 3. White plastic part
- 4. Translucent plastic part
- 5. White pack tape
- 6. White solid block with yellow (mix all)
- 7. Yellow plastic cover
- 8. Silvery-blue metal part
- 10. Silvery metal part

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No. SH9063732/CHEM

Page 5 of 11

Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) # = Spot-test:
 - Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area. For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing

- (5) ##=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 is included in the sum of PBDE after 01.07.2008.
- (6) "-" = Not Regulated
- (7) "---" = Not Conducted
- (8) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (9) * The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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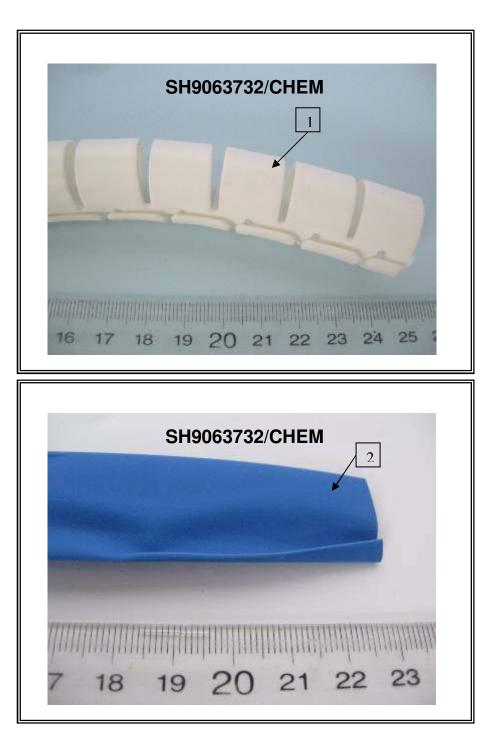
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Sample photo:



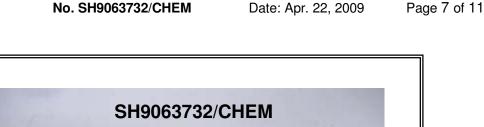
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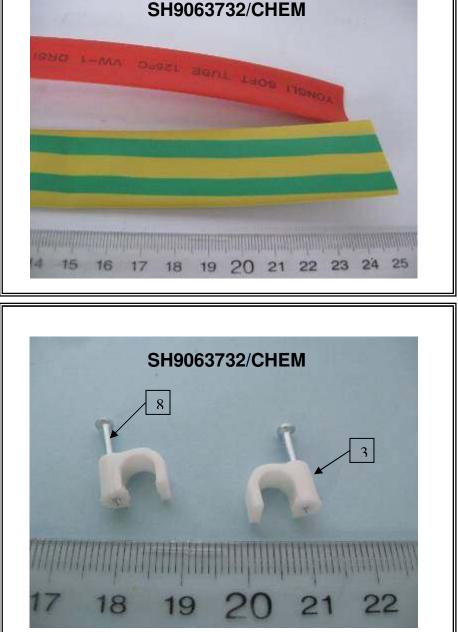


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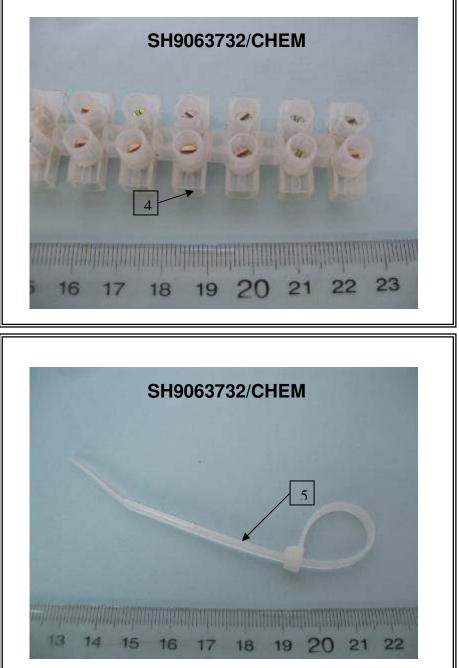
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No. SH9063732/CHEM Date: Apr. 22, 2009 Page 8 of 11



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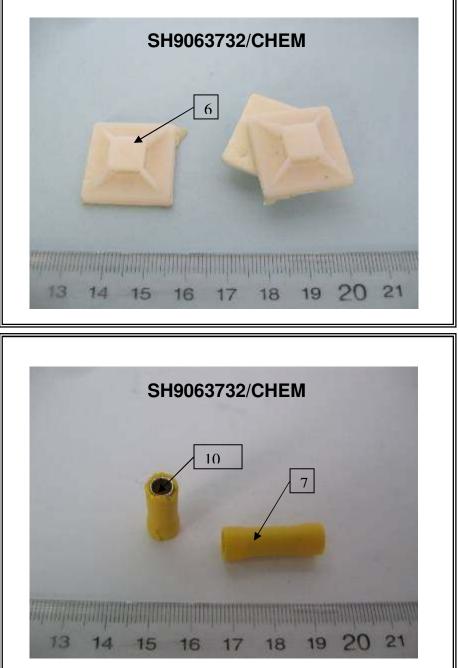
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No. SH9063732/CHEM Date: Apr. 22, 2009 Page 9 of 11



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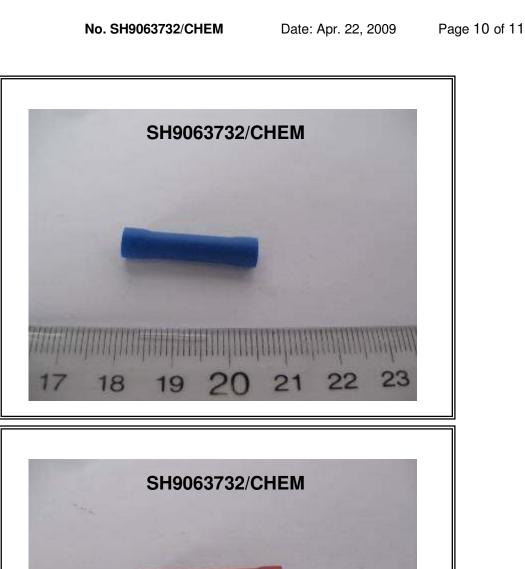


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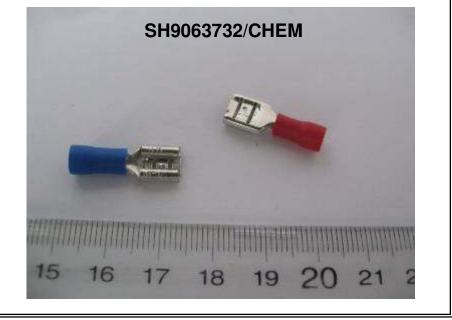
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