

TATSUTA ELECTRIC WIRE & CABLE CO.,LTD.

6-5-1 KUNIMIDAI KIZUGAWA-CITY KYOTO JAPAN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CLIENT AS:
以下のサンプルは顧客により提供され、顧客に代わって確認を行いました:

SAMPLE DESCRIPTION : Shielding Film SF-PC6000-U1

CLIENT REF.NO : 20130705-2(改)

SAMPLE RECEIVED : 2013/07/11

TESTING DATE : 2013/07/11 TO 2013/07/22

TEST REQUESTED : SELECTED TEST(S) AS REQUESTED BY CLIENT.
分析項目 : 分析項目は顧客の要求によります。

TEST METHOD(S) : WITH REFERENCE TO IEC62321 EDITION 1.0 2008-12 FOR RoHS 6 SUBSTANCES.
分析方法 : OTHER CHEMICALS WERE TESTED BY EACH APPROPRIATE METHOD.
RoHS6物質の分析はIEC62321第1.0版(2008年12月)を参照しました。
それ以外の化学物質についてはそれぞれに最適な方法で分析を行いました。

TEST RESULT(S) : PLEASE REFER TO THE NEXT PAGE(S).
分析結果 : 以下のページをご参照願います。

大内 幸弘



Yukihiro Ouchi / Quality Manager
SGS Japan Inc., Chemical Laboratory



TEST REPORT

REPORT NO. JP/2013/070423

DATE: July 22, 2013

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TEST RESULT(S)

| ITEM(S) | UNIT | RESULT | METHOD | INST./PLACE | MDL |
|--|-------|--------|------------------------------|-------------|-----|
| CADMIUM(Cd) | mg/kg | N.D. | IEC62321 ED.1 SECTION 8,9,10 | ICP-OES* | 2 |
| LEAD(Pb) | mg/kg | N.D. | IEC62321 ED.1 SECTION 8,9,10 | ICP-OES* | 2 |
| MERCURY(Hg) | mg/kg | N.D. | IEC62321 ED.1 SECTION 7 | ICP-OES* | 2 |
| CHROMIUM(Cr) | mg/kg | N.D. | EPA3052 | ICP-OES* | 2 |
| CHROMIUM VI(Cr(VI)) | mg/kg | N.D. | IEC62321 ED.1 ANNEX C | UV-VIS* | 2 |
| Polybrominated biphenyls(PBBs) | | | | | |
| Monobromobiphenyl | mg/kg | N.D. | | | 5 |
| Dibromobiphenyl | mg/kg | N.D. | | | 5 |
| Tribromobiphenyl | mg/kg | N.D. | | | 5 |
| Tetrabromobiphenyl | mg/kg | N.D. | | | 5 |
| Pentabromobiphenyl | mg/kg | N.D. | IEC62321 ED.1 ANNEX A | GC/MS | 5 |
| Hexabromobiphenyl | mg/kg | N.D. | | | 5 |
| Heptabromobiphenyl | mg/kg | N.D. | | | 5 |
| Octabromobiphenyl | mg/kg | N.D. | | | 5 |
| Nonabromobiphenyl | mg/kg | N.D. | | | 5 |
| Decabromobiphenyl | mg/kg | N.D. | | | 5 |
| Polybrominated diphenyl ethers(PBDEs) | | | | | |
| Monobromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Dibromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Tribromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Tetrabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Pentabromodiphenyl ether | mg/kg | N.D. | IEC62321 ED.1 ANNEX A | GC/MS | 5 |
| Hexabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Heptabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Octabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Nonabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| Decabromodiphenyl ether | mg/kg | N.D. | | | 5 |
| HALOGEN | | | | | |
| FLUORINE(F) | mg/kg | N.D. | BS EN14582(2007)/ Combustion | IC* | 50 |
| CHLORINE(Cl) | mg/kg | N.D. | BS EN14582(2007)/ Combustion | IC* | 50 |
| BROMINE(Br) | mg/kg | N.D. | BS EN14582(2007)/ Combustion | IC* | 50 |
| IODINE(I) | mg/kg | N.D. | BS EN14582(2007)/ Combustion | IC* | 50 |

NOTES: mg/kg = ppm, N.D. = Not Detected, INST. = INSTRUMENT, MDL = Method Detection Limit

REMARK: Tested the sample which was hard to be disjoined mechanically.

* = The test has been conducted in association with SGS Taiwan Ltd.

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分析フローチャート MEASUREMENT FLOW CHART

1)酸分解前処理において試料を完全分解しています。

The sample was dissolved/ decomposed totally by acid pre-conditioning method according to below flow chart.

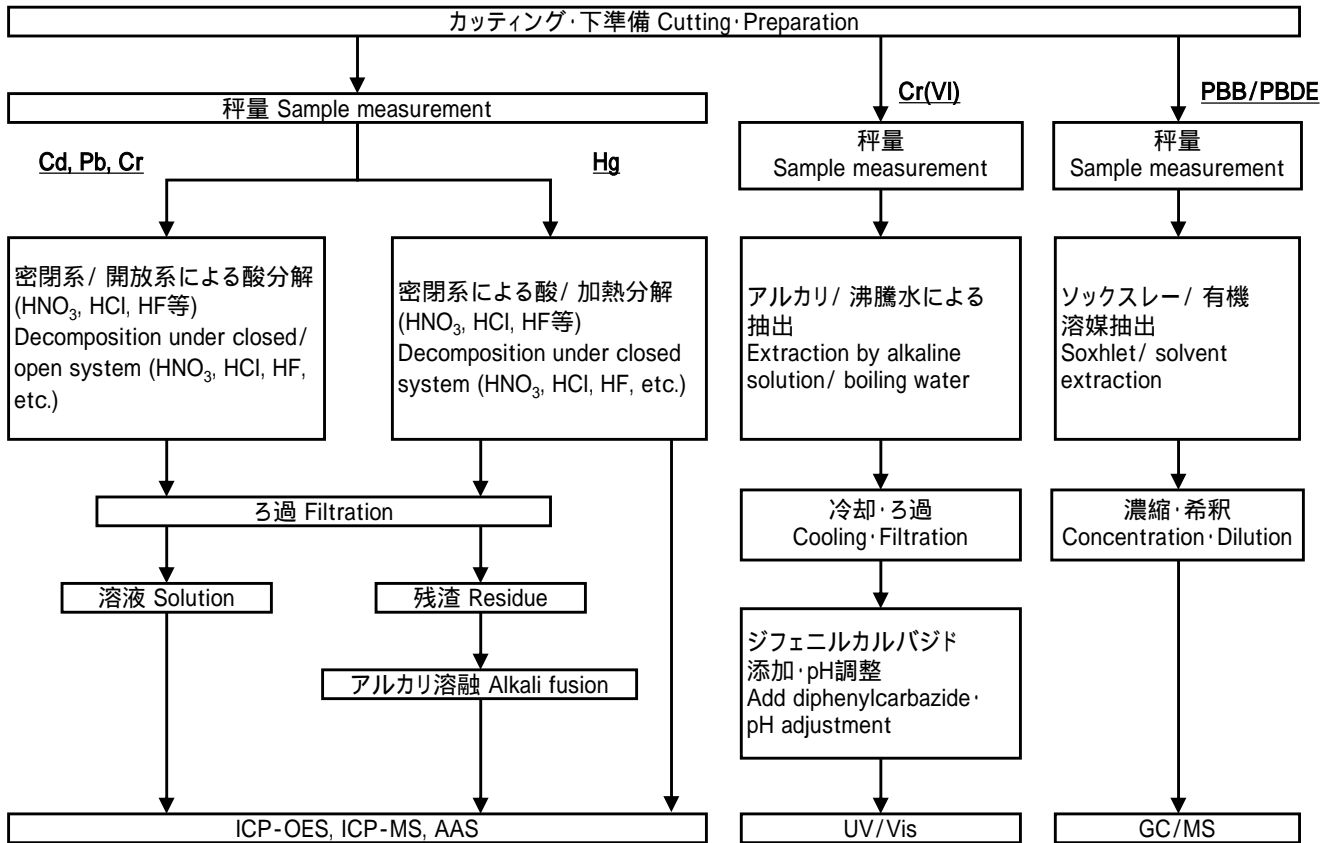
2)Cd, Pb, Hg, Cr, Cr(VI)

分析担当者 Name of the person in charge of measurement: 野田 晴美 Harumi Noda

3)PBB/PBDE

分析担当者 Name of the person in charge of measurement: 大谷 真由美 Mayumi Otani

4)分析責任者 Name of the person responsible for measurement: 大谷 真由美 Mayumi Otani



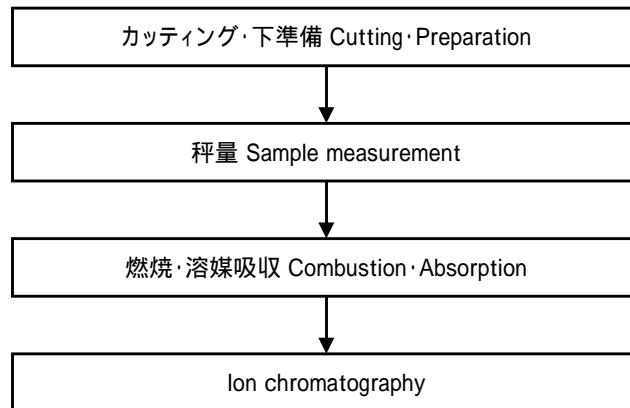
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分析フローチャート MEASUREMENT FLOW CHART

- 1)分析担当者 Name of the person in charge of measurement: 野田 晴美 Harumi Noda
2)分析責任者 Name of the person responsible for measurement: 大谷 真由美 Mayumi Otani

ハロゲン Halogen



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SAMPLE IMAGE



<END>

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