

Test Report

No.: CANEC24025314935

Date: Nov 26, 2024

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Client Name: 3F ELECTRONICS INDUSTRY CORP., LTD.

Client Address: NO.5, ZHENXING ROAD, LIYUHE INDUSTRY PARK, LOUCUN VILLAGE, GONGMING STREET, GUANGMING NEW DISTRICT, SHENZHEN, GUANGDONG, CHINA

Sample Name: Teflon wire and cable

Model No.: 1332 20AWG black 1332 18AWG white 1332 26AWG red

Client Ref. Information: Please see Attachment

The above sample(s) and information were provided by the client.

SGS Job No.: SZP24-049571

Sample Receiving Date: Nov 13, 2024

Testing Period: Nov 13, 2024 ~ Nov 26, 2024

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

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

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

| Test Requirement | Conclusion |
|---|-------------|
| AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs) | See Results |

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jessie Li

Jessie-JX Li
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司 / 检验检测专用章
Inspection & Testing Services

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Test Result(s):

Test Part Description:

| SN ID | Sample No. | SGS Sample ID | Description |
|-------|------------|--------------------|---|
| SN1 | A1+A2+A3 | CAN24-0253149-0002 | Black plastic jacket A1+ White plastic jacket A2+ Red plastic jacket A3 |

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

| Test Item(s) | CAS No. | Unit(s) | MDL | A1+A2+A3 |
|---|----------|---------|-----|----------|
| Benzo(a)pyrene(BaP) | 50-32-8 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | mg/kg | 0.1 | ND |
| Benzo(a)anthracene(BaA) | 56-55-3 | mg/kg | 0.1 | ND |
| Benzo(b)Fluoranthene(BbF) | 205-99-2 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene(BjF) | 205-82-3 | mg/kg | 0.1 | ND |
| Benzo(k)Fluoranthene(BkF) | 207-08-9 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)Anthracene(DBA) | 53-70-3 | mg/kg | 0.1 | ND |
| Benzo(g,h,i)perylene(BPE) | 191-24-2 | mg/kg | 0.1 | ND |
| Indeno(1,2,3-c,d)pyrene(IPY) | 193-39-5 | mg/kg | 0.1 | ND |
| Phenanthrene(PHE) | 85-01-8 | mg/kg | 0.1 | ND |
| Pyrene(PYR) | 129-00-0 | mg/kg | 0.1 | ND |
| Anthracene(ANT) | 120-12-7 | mg/kg | 0.1 | ND |
| Fluoranthene(FLT) | 206-44-0 | mg/kg | 0.1 | ND |
| Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT) | - | mg/kg | - | ND |
| Naphthalene(NAP) | 91-20-3 | mg/kg | 0.1 | ND |
| Sum of 15 PAHs | - | mg/kg | - | ND |
| Material Category | - | - | - | - |

Notes:

AfPS (German commission for Product Safety) : PAHs requirements

| Parameter | Category 1 | Category 2 | Category 3 |
|-----------|--|--|---|
| | Materials intended to be placed in the mouth, or materials coming into long-term contact with skin | Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact ^c with skin during the intended or foreseeable use ^d . | Materials covered neither by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use. |



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| | (more than 30s) during the intended use -in toys according to Directive 2009/48/EC or -for the use by children ^{a,b} up to 3 years of age. | a. use by children | b. other consumer products | a. use by children | b. other consumer products |
|---|---|-----------------------|-------------------------------|-----------------------|-------------------------------|
| Benzo(a)pyrene (BaP) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(e)pyrene (BeP) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(a)anthracene (BaA) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(b)fluoranthene (BbF) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(j)fluoranthene (BjF) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(k)fluoranthene (BkF)mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Chrysene (CHR) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Dibenzo(a,h)anthracene (DBA) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Benzo(g,h,i)perylene (BPE) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Indeno(1,2,3-cd)pyrene (IPY) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT), mg/kg | < 1 Sum | < 5 Sum | < 10 Sum | < 20 Sum | < 50 Sum |
| Naphthalene (NAP) mg/kg | < 1 | < 2 | < 10 | | |
| Sum of 15 PAHs | <1 | < 5 | < 10 | < 20 | < 50 |

Notes:

- ^a A "Child" is legally defined as a person before reaching the age of 14 years.
- ^b Use by children includes both active and passive contact by children.
- ^c Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment (Regulation



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(EC) No.1272/2013)

^d According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) "foreseeable use" shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

Remark:

The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on April 10, 2020, which will be binding for the issue of GS mark certificate from July 1, 2020.

Remark: 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 and only for reference.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



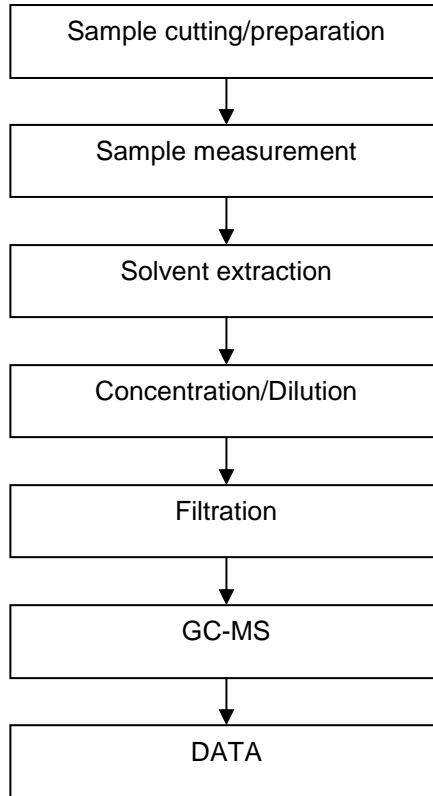
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PAHs Testing Flow Chart



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UL1108、1419、1458、1524、1559、1091、1588、10156、10142、10396、10485、1858、1675、1694、1726、1727、10326、10362、10371、1750、1756、1707、1708、1857、1859、1860、1882、1929、1930、1933、10011、10110、10129、10486、1757、1824、1835、1960、5311、10034、10051、10058、10287、1589、1709、10304、10409、10552、10554、1636、1653、1655、1656、1657、1659、1817、1710、10101、1199、1862、1863、1864、1517、1586、1609、1814、1513、1523、1558、1610、1643、1670、1671、1827、1829、1867、1868、1905、1988、1989、1990、3482、10371、1508、1658、1354、1212、1213、1286、1330、1331、1332、1333、1538、1716、1887、1901、1914、10007、10072、10111、10311、10491、1371、1375、1609、1394、1481、1512、1516、1828、1637、1721、1745、1832、1875、1894、1589、10503、1927、10020、10064、10069、10086、10088、10212、10102、10393、10245、10248、10298、10101、10109、10125、10126、10447、10507、1164、1180、1198、1199、10212、10277、10278、10279、10443、1570、1577、1723、1815、1659、1584、1911、10132、10241、10312、10518、1859、1644、1815、1858、3557、10464、10504、16878/4C、16878-4E、16878-6、16878-5、16878-11C、16878-12、81822/6A、22759/11F、22759-1、22759-2、22759-3、22759-7、22759-8、22759-9、22759-11、22759-12、22759-16、22759-18、22759-19、MIL-W-22759-22、22759-32、22759-33、22759-34、MIL-W-22759-41、QFR-0815,AF-250、AFP-250、QFR-CFN1、QFR-CFN2、QFR-CFN3、QFR-CKF1、QFR-CKF2、QFR-CKF3、AF-200、QFR-0921、VDE-R EG.Nr.8191、FLU7Y、VDE-REG.Nr.8192、UL10481、VDE-REG.Nr.8193、FLR51Y、FLR5Y、FLR6Y、FLR7Y、QFR-0919、QFR-0921、QFR-EFK1、QFR-EFK2、QFR-EFK3、QFR-EFN1、QFR-EFN2、QFR-EFN3、QFR-10364、QFR-11092、QFR-FK1、QFR-FK2、QFR-FK3、QFR-FN1、QFR-FN2、QFR-FN3、QFR-TFN6、QFR-TFNK、QFR-CFK1、QFR-CFK2、QFR-CFK3、QFR-EFK1、QFR-EFK2、QFR-EFK3、QFR-FK1、QFR-FK2、QFR-FK3、QFR-1018、QFR-11092、VDE-R EG.Nr.8194、VDE-REG.Nr.8195、VDE-REG.Nr.8196、VDE Fluorplastic wires、N6YAF、QB-F、E-200/TX/FEP 150V,300V,600V、E-200/TN/PFA 150V,300V,600V、E-250/TN/PTFE 150V,300V,600V、CQC Fluoroplastic wire and Fluorplastic tube



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