

Test Report

No: 10541755(7) A3

Date: 25-Jul-2022

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cab Produkttechnik GmbH & Co. KG
Wilhelm-Schickard-Str. 14 76131 Karlsruhe Germany

Sample Name : W71

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

Sample Receiving Date : 12-Jul-2022
Testing Period : 12-Jul-2022 to 25-Jul-2022
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s)
Test Result(s) : Please refer to next page(s).

Signed for and on behalf of
SGS Testing & Control Services Singapore Pte Ltd



Y.C. Tham
Technical Manager, Multi-Lab



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Test Result(s):

Sample Description : Black sheet

| Test Item(s): | Unit | Method | Results | MDL |
|-------------------------|-------|---|---------|-----|
| Halogen | | | | |
| Halogen - Bromine (Br) | mg/kg | With reference to BS EN 14582. Analysis was performed by IC | n.d. | 50 |
| Halogen - Chlorine (Cl) | mg/kg | With reference to BS EN 14582. Analysis was performed by IC | n.d. | 50 |
| Halogen - Fluorine (F) | mg/kg | With reference to BS EN 14582. Analysis was performed by IC | n.d. | 50 |
| Halogen - Iodine (I) | mg/kg | With reference to BS EN 14582. Analysis was performed by IC | n.d. | 50 |

Note: (1) mg/kg = ppm ; 0.1wt% = 1000ppm
 (2) n.d.= Not Detected
 (3) MDL = Method Detection Limit

Lab Analyst(s): Jonathan

For your information, the standard IEC 61249-2-21:2003 regarding materials for printed circuit and others interconnection structures, requires limits for halogen contents on epoxide isolating resins, the received sample complies with the limits described below:

- Maximum content of total chlorine : 900ppm
- Maximum content of total bromine : 900ppm
- Maximum content of total halogens : 1500ppm

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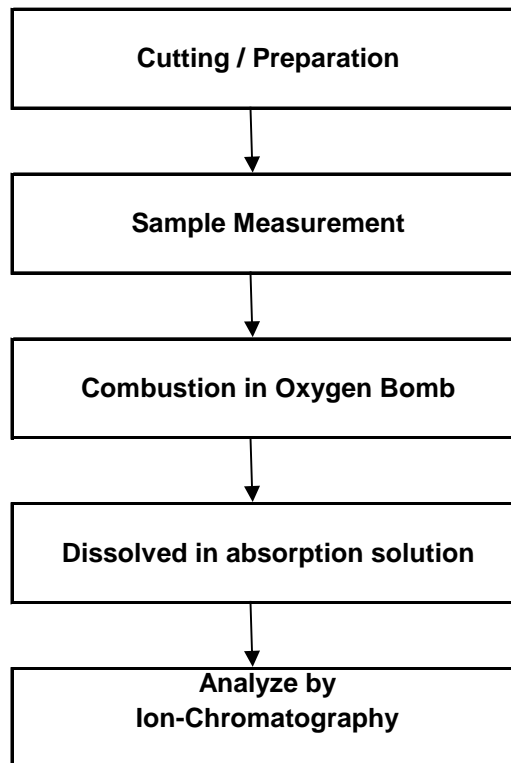
Sample photo:

Sample Description : Black sheet

SGS authenticate the photo on original report only



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Process Flow of BS EN 14582 (Halogen Analysis)

End of Report

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