

Test Report

No: 10518879(15a) A3 D

Date: 21-Jul-2021

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

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

Sample Name	:	R71
Sample Receiving Date Testing Period	:	07-Jul-2021 07-Jul-2021 to 21-Jul-2021

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



Test Location: 30 Boon Lay Way, #02-02, Singapore 609957

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SGS Testing & Control Services Singapore Pte Ltd

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GST Reg. No: MR-8500112-9



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Test Result(s):

Sample Description : Black Film

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): Jenny

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

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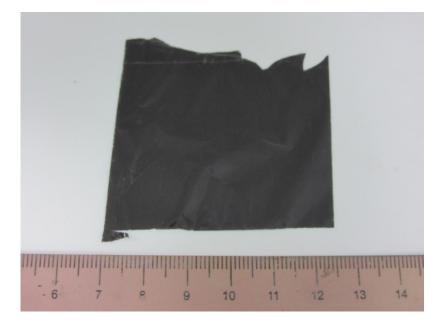
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Sample photo: Sample Description

Black Film

SGS authenticate the photo on original report only

:



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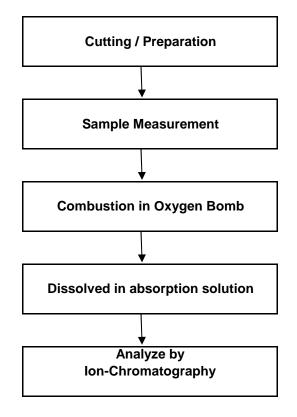
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Process Flow of BS EN 14582 (Halogen Analysis)



End of Report

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