



# Test Report

No.: EKR23202066

Date: 24-Feb-2023

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NITTO DENKO CORPORATION

TOYOHASHI PLANT 18, HIRAYAMA, NAKAHARA-CHO, TOYOHASHI, AICHI, 441-3194, JAPAN

The following sample(s) was/were submitted and identified by the applicant as:

Sample Name : DIE ATTACH FILM  
Style/Item No. : EM-310W

=====  
Sample Receiving Date : 21-Feb-2023  
Testing Period : 21-Feb-2023 to 24-Feb-2023

Test Requested : As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.

Test Results : Please refer to following pages.

  
Ray Chang, Ph.D./Department Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory-Kaohsiung



PIN CODE: 104369C4

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## Test Part Description

No.1 : WHITE SHEET (EXCLUDING THE RELEASE LINER)

## Test Result(s)

Test Item(s)	Method	Unit	MDL	Result
				No.1
Fluorine (F) (CAS No.: 14762-94-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.
Chlorine (Cl) (CAS No.: 22537-15-1)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	141
Bromine (Br) (CAS No.: 10097-32-2)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.
Iodine (I) (CAS No.: 14362-44-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.

## Note :

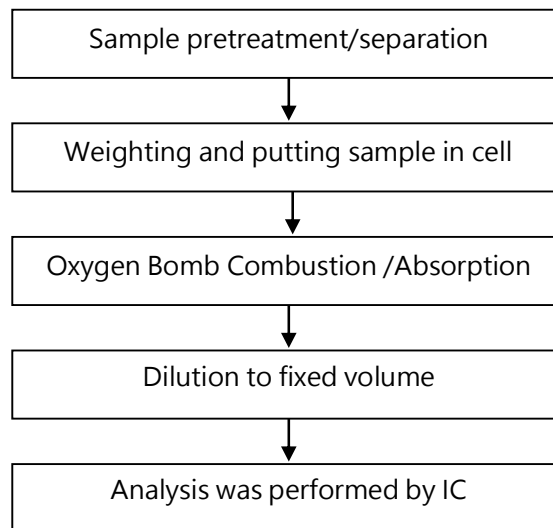
1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected ( Less than MDL)

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### Analytical flow chart of Halogen



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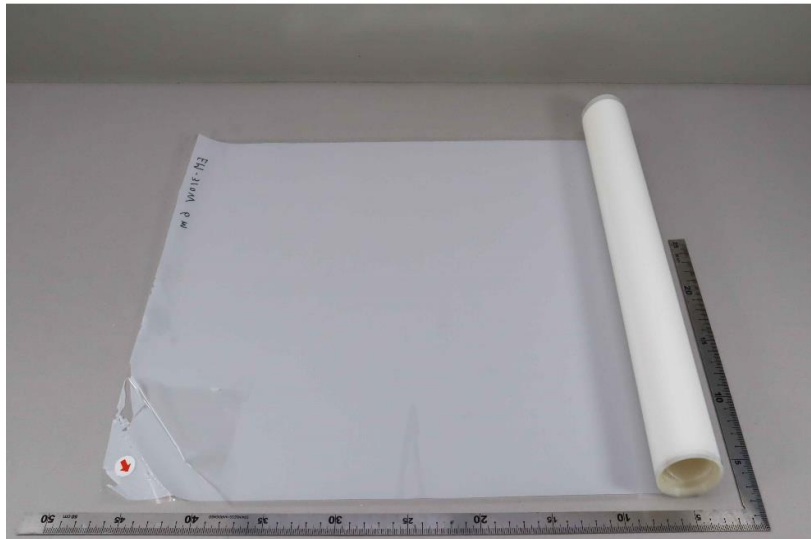
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

## EKR23202066



\*\* End of Report \*\*

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