Test Report

No.: ETR26A02217 Date: 19-Oct-2026

MITSUBISHI GAS CHEMICAL CO., INC. ELECTRONICS MATERIAL DIVISION
5-2, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8324, JAPAN

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

Sample Submitted By	:	MITSUBISHI GAS CHEMICAL CO., INC. ELECTRONICS MATERIAL DIVISION
Sample Name	:	COPPER CLAD LAMINATES & PREPREGS
Style/Item No.	:	CCL-HL830NSF(WITHOUT COPPER FOIL), CCL-HL830NSF(TYPE-LC), CCL-HL830NSF (TYPE-HD)(WITHOUT COPPER FOIL), CCL-HL830NSF(TYPE-LCA)(WITHOUT COPPER FOIL), CCL-HL830NSF(TYPE-LCH)(WITHOUT COPPER FOIL), CCL-HL830NSF (TYPE-LCX)(WITHOUT COPPER FOIL), CCL-HL832NSF(WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LC), CCL-HL832NSF(TYPE-HD)(WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LCA)(WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LCH) (WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LCX)(WITHOUT COPPER FOIL), CCL-HL832NSFEX(TYPE-LC)(WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LC-K) (WITHOUT COPPER FOIL), CCL-HL832NSF(TYPE-LCA-K)(WITHOUT COPPER FOIL), GHPL-830NSF, GHPL-830NSF(TYPE-HD), GHPL-830NSF(TYPE-LC), GHPL-830NSF (TYPE-LCA), GHPL-830NSF(TYPE-LCH), GHPL-830NSF(TYPE-LCX),GHPL-830NSF (TYPE-LC-D), GHPL-830NSF(TYPE-LC-K), GHPL-832NSF, GHPL-832NSF(TYPE-HD), GHPL-832NSF(TYPE-LC), GHPL-832NSF(TYPE-LCA), GHPL-832NSF(TYPE-LCH), GHPL-832NSF(TYPE-LCX)
Lot No.	:	MGC2026-023

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Sample Receiving Date	:	12-Oct-2026
Testing Period	:	12-Oct-2026 to 19-Oct-2026

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

Test Results : Please refer to following pages.

Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

CHECK REPORT
PIN CODE: 3684C7BB

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Test Part Description

No.1 : BLACK SHEET

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	72.2
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.

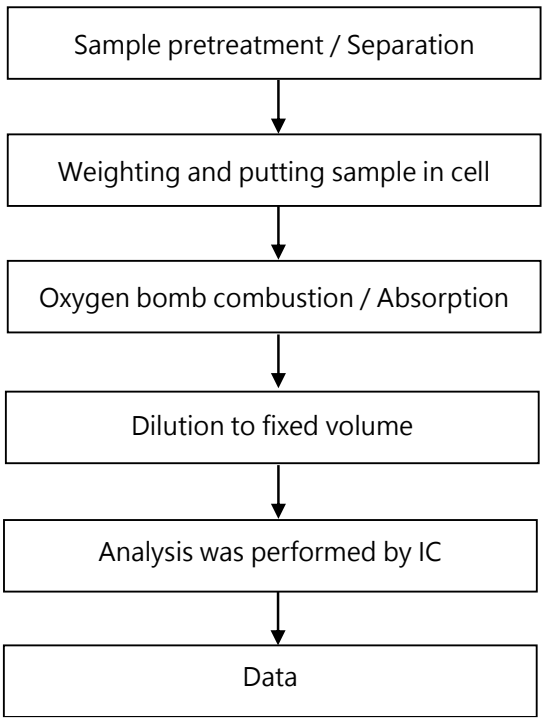
Note :

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 - Halogen

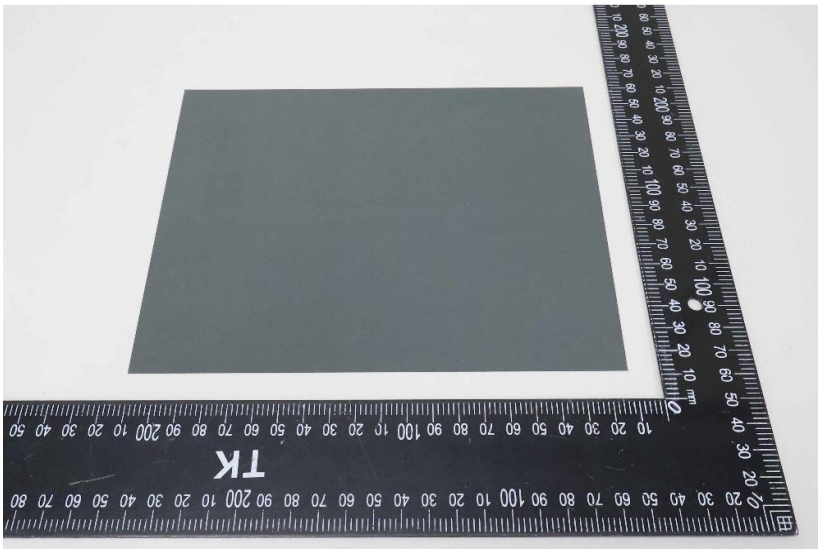


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*** The tested sample / part is marked by an arrow if it's shown on the photo. ***

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** End of Report **

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