



TEST REPORT

Report No.: SHX23050808-03E

Date: 2023-05-25

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Applicant : ARGOSY XAC COMPOSITE MATERIALS LTD.

Address : NO.54 RENMIN WEST ROAD YANLIANG, DEVELOPMENT DISTRICT XI'AN CITY,, SHAANXI
PROVINCE

Sample Information

Sample Name : Aluminum honeycomb core

Sample Type/Specification : 100431 (E-CLPS-2100)

Sample Qty. : 1

Sample acquisition method : Sent by client

Sample description : solid

Above information and sample(s) was/were submitted and certified by/on behalf of the applicant. ICAS was not responsible for the authenticity of the sample, and quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Sample No. : X23050808-03

Date of Sample Received : 2023-05-18

Sample Test Period : 2023-05-18~2023-05-25

Test content:

Test Address : 155 Pingbei Rd, Minhang District, Shanghai

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

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

Test Results : The results of Lead, Mercury, Cadmium comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Prepared by:

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Reviewed by:

赵玉静

(Daniel Zhao)

Approved by:

王瑞

(Authorized signatory: Rachel Wang)

ICAS TESTING TECHNOLOGY SERVICE
(SHANGHAI) Co.,LTD



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RoHS

Test Results:

Test Items	Methods	Unit	Detection limit (s)	Results	Limit	Conclusion
Pb	IEC 62321-5:2013	mg/kg	10	15	≤1000	pass
Cd		mg/kg	2	N.D.	≤100	pass
Hg	IEC 62321-4:2013+AMD1:2017	mg/kg	10	N.D.	≤1000	pass
Cr (VI)	IEC 62321-7-1:2015	μg/cm ²	0.10	Negative	---	---
Monobromobiphenyl (MonoBB)	IEC 62321-6:2015	mg/kg	5	NA	---	---
Dibromobiphenyl (DiBB)			5	NA	---	---
Tribromobiphenyl (TriBB)			5	NA	---	---
Tetrabromobiphenyl (TetraBB)			5	NA	---	---
Pentabromobiphenyl (PentaBB)			5	NA	---	---
Hexabromobiphenyl (HexaBB)			5	NA	---	---
Heptabromobiphenyl (HeptaBB)			5	NA	---	---
Octabromobiphenyl (OctaBB)			5	NA	---	---
Nonabromobiphenyl (NonaBB)			5	NA	---	---
Decabromobiphenyl (DecaBB)			5	NA	---	---
Total PBBs sum of above			---	NA	≤1000	NA
Monobromodiphenyl ether (MonoBDE)			5	NA	---	---
Dibromodiphenyl ether (DiBDE)			5	NA	---	---
Tribromodiphenyl ether (TriBDE)			5	NA	---	---
Tetrabromodiphenyl ether (TetraBDE)			5	NA	---	---
Pentabromodiphenyl ether (PentaBDE)			5	NA	---	---
Hexabromodiphenyl ether (HexaBDE)			5	NA	---	---
Heptabromodiphenyl ether (HeptaBDE)			5	NA	---	---
Octabromodiphenyl ether (OctaBDE)			5	NA	---	---
Nonabromodiphenyl ether (NonaBDE)			5	NA	---	---
Decabromodiphenyl ether (DecaBDE)			5	NA	---	---
Total PBDEs sum of above			---	NA	≤1000	NA
Dibutyl Phthalate (DBP)	IEC 62321-8:2017 GC-MS method	mg/kg	50	NA	≤1000	NA
Benzylbutyl Phthalate (BBP)		mg/kg	50	NA	≤1000	NA
Di-(2-ethylhexyl)Phthalate (DEHP)		mg/kg	50	NA	≤1000	NA
Diisobutyl phthalate(DIBP)		mg/kg	50	NA	≤1000	NA

Note: 1.N.D.=Not detected (<Detection limit(s))

2.NA=Not Applicable



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3.Boiling-water-extraction

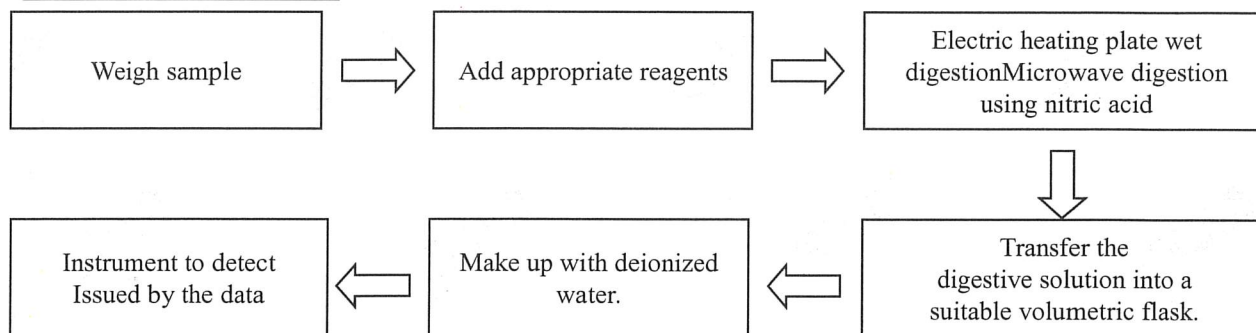
Negative = Absence of CrVI coating,the detected concentration in boiling -water-extraction solution is less than $0.10\mu\text{g}/\text{cm}^2$ equivalent comparison standard solution.

Positive = Presence of CrVI coating,the detected concentration in boiling -water-extraction solution is greater than $0.13\mu\text{g}/\text{cm}^2$ equivalent comparison standard solution.

Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

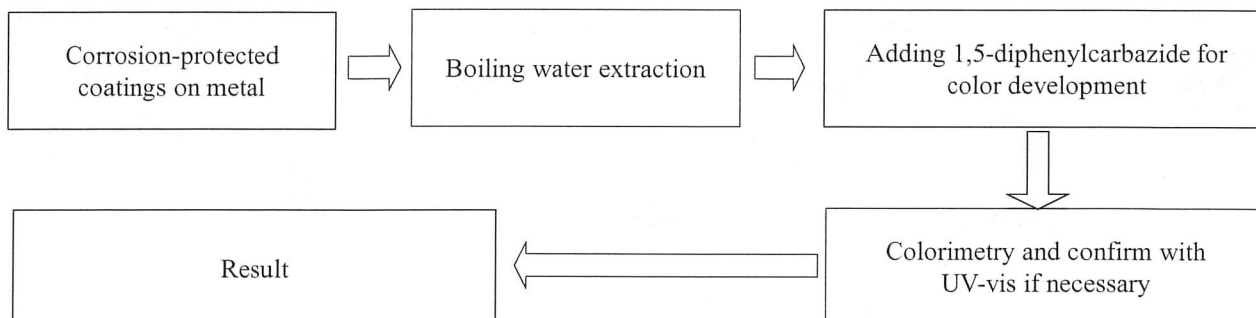
CHEMICAL FLOW CHART

1. Test for Pb, Hg, Cd Content



Sample Material:	Digestion Acid:
Glass	HNO ₃ /HF
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Metal	HNO ₃ , HCl, Aqua regia
Others	Any acid to total digestion.

2. Test for Chromium (VI) Content



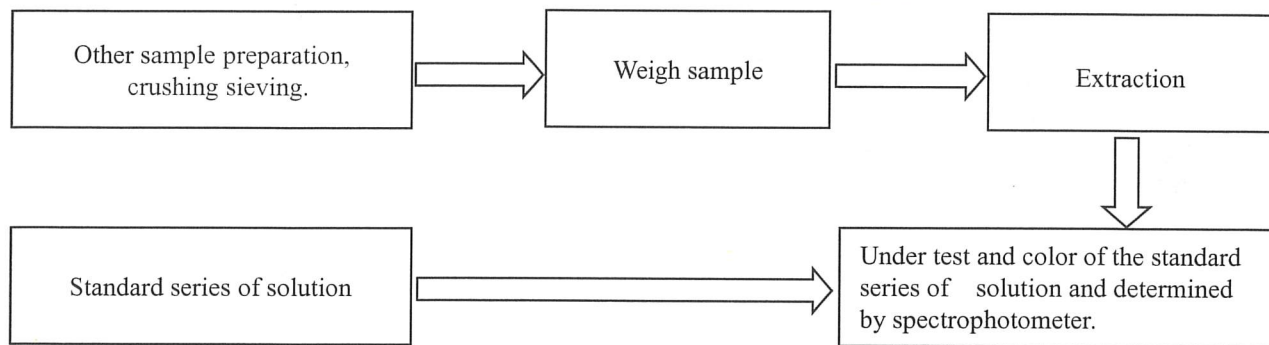


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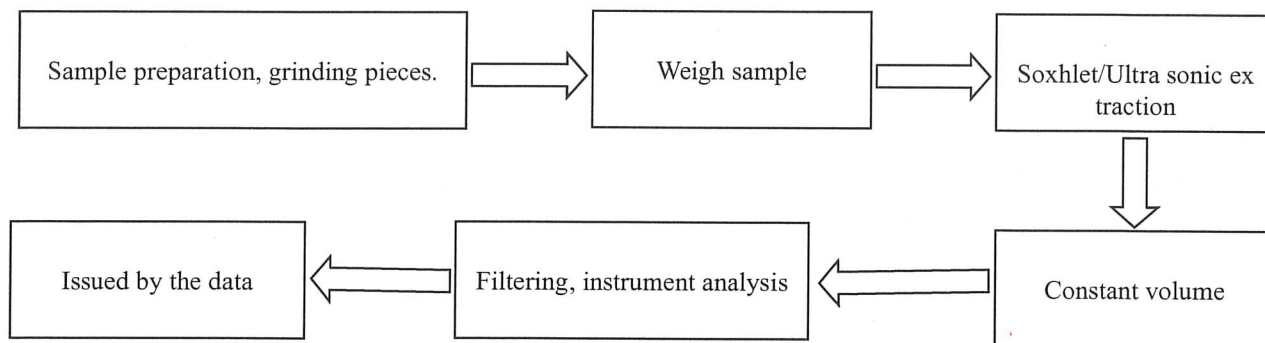
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3. Test for PBBs、PBDEs、Phthalates Content



Sample Photo(s)



This photo is limited to ICAS used this report

End of the report

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