

Test Report

No. TSNIND1600296501

Date: 09 Mar 2016

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XINCAI AIKEN METAL TECHNOLOGY CO.,LTD
NORTH OF YUELIANGWAN ROAD,INDUSTRIAL CLUSTER OF XINCAI CITY,HENAN

The following sample(s) was/were submitted and identified on behalf of the clients as : ALUMINUM
COMPOSITE PANEL

SGS Job No. : TJIN1603002194PC - TJ
Date of Sample Received : 03 Mar 2016
Testing Period : 03 Mar 2016 - 09 Mar 2016
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou
Approved Signatory



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SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.
Chemical Lab

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TSN16-002965.001	metal board substrate (brown/beige coating excluded)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

American Society for Testing and Materials – ASTM F 963-11 – soluble heavy metal in Substrate Materials

Test Method : Soluble Heavy Metal contents (Clause 4.3.5) - Sample was extracted by dilute hydrochloric acid in accordance with ASTM F 963-11(Claue 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001
Soluble Lead (Pb)	90	mg/kg	5	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND
Soluble Selenium (Se)	500	mg/kg	10	ND

Notes :

- (1) Results shown are of the adjusted analytical results

Phthalates

Test Method : With reference to EN14372: 2004, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	% (w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	% (w/w)	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	% (w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	% (w/w)	0.01	ND



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Test Item(s)	CAS NO.	Unit	MDL	001
Di-n-octyl Phthalate (DNOP)	117-84-0	% (w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	% (w/w)	0.01	ND

Notes :

- (1) DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1% by weight of the plasticised material, in toys and childcare articles.
 - ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1% by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information
- DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1% by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
 - ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1% by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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