

Test Report

No. TAOHG1403418801

Date: 15 Sep 2014

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BLACKWOOD TECHNOLOGY CO.,LTD.SHANDONG
NO.30 TAISHAN RD,HUAITAI BUSINESS ZONE,SHANDONG,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : BLACKWOOD-WOOD OF SUPERIOR PROPERTIES

SGS Job No. : QDHG201403269 - QD
Date of Sample Received : 01 Sep 2014
Testing Period : 01 Sep 2014 - 15 Sep 2014
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).

Result Summary :

Test Requested

EN71-3:2013 under European Directive 2009/48/EC-Migration of certain elements
(for scrapped-off toy material)
BS EN 14342:2005 - Pentachlorophenol (PCP)
Formaldehyde

Conclusion

See Results
PASS
See Results

Signed for and on behalf of
SGS-CSTC Ltd.



Wang Bo, Claire
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TAO14-034188.001	Brown wood
SN2	TAO14-034188.002	Black/brown solid piece

Remarks :

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

EN71-3:2013 under European Directive 2009/48/EC-Migration of certain elements (for scrapped-off toy material)

Test Method : With reference to EN 71-3:2013, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	1	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Boron (B)	15000	mg/kg	50	1984
Soluble Cobalt (Co)	130	mg/kg	10	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND
Soluble Organic Tin*	12	mg/kg	-	ND



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Notes :

- (1) For sample ID 001, confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.
- (2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013
- (3) The Limit(s) is(are) for reference only .

BS EN 14342:2005 - Pentachlorophenol (PCP)

Test Method : With reference to CEN/TR 14823:2006 , analysis was performed by GC-ECD or GC-MS

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Pentachlorophenol (PCP)	5	mg/kg	1	ND
Conclusion				PASS

Note :

- These tests were subcontracted to SGS-SH CHEMICAL LAB.

Formaldehyde

Test Method : With reference to EN 120: 1991 (BS EN 120: 1992), analysis was preformed by UV-Vis.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Moisture content	%	-	5.79
Formaldehyde	mg/100g	2.0	ND

Notes :

- (1) The Formaldehyde classes ref to BS EN 13986:2004 Wood-based panels for use in construction -Characteristics, evaluation of conformity and marking Annex B
- (2) Formaldehyde classes:
 - E1: ≤ 8mg/100g dry material
 - E2: >8mg/100g to ≤ 30mg/100g dry material
- (3) These tests were subcontracted to SGS-SH CHEMICAL LAB.



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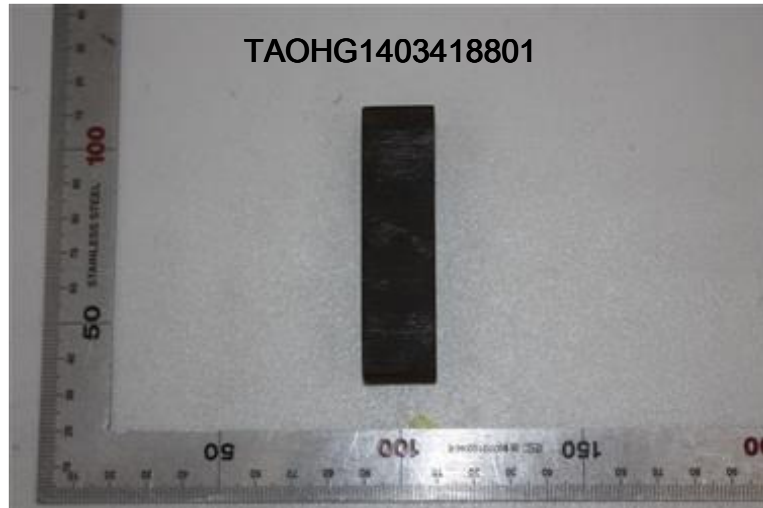
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Sample photo:



TAO14-034188.001



TAO14-034188.002

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*** End of Report ***



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