

## Test Report

No. SHAHG1524404901

Date: 01 Dec 2015

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ZHEJIANG MSD NEW MATERIAL CO., LTD

NO.11, HONGQI ROAD, WARP KNITTING INDUSTRIAL PARK OF HAINING,ZHEJIANG,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PVC FILM

SGS Job No. : SHHG1511046668SD - SH

SGS Ref No. : AJHG1511010764OT

Date of Sample Received : 27 Nov 2015

Testing Period : 27 Nov 2015 - 01 Dec 2015

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	Conclusion
EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements (Category III:for scrapped-off toy material)(As specified by client)	PASS

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



Serena Wang  
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA15-244049.001	White soft plastic film

Remarks :

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

**EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements (Category III:for scrapped-off toy material)(As specified by client)**

Test Method : With reference to EN71-3:2013+A1:2014, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble Chromium (VI) (Cr 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	5	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Boron (B)	15000	mg/kg	50	ND
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 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 Tin (Sn)	180000	mg/kg	4.9	ND
Soluble Organic Tin*	12	mg/kg	-	ND

Notes :

- (1) 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+A1:2014.



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(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+A1:2014

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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