

## TEST REPORT

No. : SZIN1712016375PS

Date : Dec 14, 2017

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CUSTOMER NAME: DONGGUAN LAMM MATERIAL TECHNOLOGY CO., LTD  
ADDRESS: ROOM 408, BUILDING NO.9 SONGKE GARDEN SONGSHAN LAKE  
TECHNOLOGY, INDUSTRY PARK, DONGGUAN CITY

Sample Name : HOT MELT ALUMINUM FOIL  
Manufacturer : DONGGUAN LAMM MATERIAL TECHNOLOGY CO., LTD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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SGS Ref. No. : AJFS1712011052FF  
Date of Receipt : Dec 07, 2017  
Testing Start Date : Dec 07, 2017  
Testing End Date : Dec 14, 2017  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. Shenzhen Branch  
Testing Center

Helen Xiong

Helen\_Xiong  
Authorized signatory



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## Test Requested:

To determine the PH and conductivity according to IEC 60754-2:2011 Test on gases evolved during combustion of materials from cables—Part 2: Determination of acidity (by PH measurement) and conductivity

### I. Test conducted

This test was conducted according to IEC 60754-2:2011 Test on gases evolved during combustion of materials from cables—Part 2: Determination of acidity (by PH measurement) and conductivity.

### II. Sample details

Sample Description	HOT MELT ALUMINUM FOIL
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### III. Test results

Items	Test No	Sample mass (g)	Single result	Expression of the results using three values <sup>1)</sup>		
				Mean value	Standard deviation	Variation coefficient
PH	1	0.9994	5.71	5.73	0.0	0.3%
	2	0.9995	5.73			
	3	0.9997	5.74			
Conductivity (μS/mm)	1	0.9994	0.19	0.20	0.0	2.9%
	2	0.9995	0.20			
	3	0.9997	0.20			

- 1) First, three test determinations shall be undertaken. Calculate the mean value, standard deviation and coefficient of variation.
- 2) If the coefficient of variation expressed in percent is higher than 5 where calculated using the first three value, a further three tests are required and the mean value, standard deviation and coefficient of variation should be recalculated using the six value.



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### IEC 60754-2:2011 Annex A (informative) Recommended performance requirements

The pH value should not be less than 4.3.

The conductivity value should not exceed 10µS/mm

#### Statements:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test. They are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The specimen was supplied by the sponsor and SGS-CSTC ANJI Branch was not involved in any selection or sampling procedure.

Note: The above test was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch.

#### Photo Appendix:



\*\*\*\*\* End of report\*\*\*\*\*



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Shenzhen Branch Testing Center - Materials Laboratory

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