



TEST REPORT

No. : GZIN1407018143MR

Date : Jul 21, 2014

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CUSTOMER NAME: JIANGXI SHENG HUI OPTICAL TECHNOLOGY LIMITED COMPANY
ADDRESS: CHUNQI RD ECONOMIC DEVELOPMENT ZONE YICHUN CITY
JIANGXI

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

Sample Name : DIFFUSION SHEET
SGS Ref. No. : XMML140703176
Product Specification : 0.5MM
Manufacturer : JIANGXI SHENG HUI OPTICAL TECHNOLOGY LIMITED COMPANY
Material and Mark : PC
Date of Receipt : Jul 10, 2014
Testing Start Date : Jul 10, 2014
Testing End Date : Jul 21, 2014
Test result(s) : For further details, please refer to the following page(s)

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

Kelly Lee

Authorized signatory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Section 8	V-2	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:



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Test Item: Vertical Burning

Sample Description: Plastic bar

Test Method: UL 94-2013 Section 8

Test Condition:

Specimen: 125 mm × 12.7 mm × 0.49 mm

Test Result:

Conditioning	23±2°C, 50±5%RH, 48h					70±2°C, 168h→ Desiccator, 23±2°C, 4h				
	1	2	3	4	5	1	2	3	4	5
Afterflame time after first flame application (s), t ₁	1.2	1.1	2.9	3.7	2.6	1.1	1.3	1.7	6.7	2.9
Afterflame time after second flame application (s), t ₂	2.6	3.9	4.2	4.8	6.6	4.5	3.5	7.3	2.2	3.7
Afterglow time after second application (s), t ₃	0	0	0	0	0	0	0	0	0	0
Total afterflame time for any condition set (s), t ₁ +t ₂	33.6					34.9				
Afterflame time plus afterglow time after second flame application (s), t ₂ +t ₃	2.6	3.9	4.2	4.8	6.6	4.5	3.5	7.3	2.2	3.7
Whether or not specimens progressed up to the holding clamp	No	No	No	No	No	No	No	No	No	No
Whether or not specimens drip flaming particles and whether the particles ignited the cotton indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Classification: V-2 (See table 1)

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Table 1

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t_1 or t_2	$\leq 10s$	$\leq 30s$	$\leq 30s$
Total afterflame time for any condition set (t_1+t_2 for 5 specimens)	$\leq 50s$	$\leq 250s$	$\leq 250s$
Afterflame plus afterglow time for each individual specimen after the second flame application (t_2+t_3)	$\leq 30s$	$\leq 60s$	$\leq 60s$
Afterflame or afterglow of any specimen progress up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

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

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