

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:

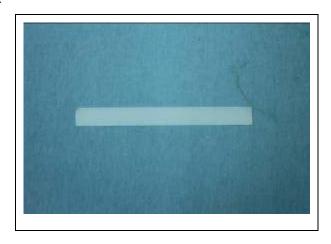
No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Section 8	V-2	/

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℃, 50±5%RH, 48h			70±2°C, 168h→ Desiccator, 23±2°C, 4h						
Specimen	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	≤10s	≤30s	≤30s
Total afterflame time for any condition set $(t_1+t_2 \text{ for 5 specimens})$	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application (t ₂ +t ₃)	≤30s	≤60s	≤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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