

No.: GZIN1510042178MR

Date: Oct 19, 2015

Page: 1 of 4

CUSTOMER NAME: XIAMEN UGUARD COMPOSITE MATERIALS CO., LTD.

ADDRESS: 88, XIANGXING ROAD, TORCH HIGH-TECH ZONE, XIANG'AN,

XIAMENI, CHINA

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

: POLYURETHANE SEALANT 40-SERIES Sample Name

SGS Ref. No. : XM16497521EC

Main Substance. : POLYURETHANE PLASTIC

Date of Receipt : Oct 08, 2015 **Testing Start Date** : Oct 08, 2015 Testing End Date : Oct 19, 2015

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



No.: GZIN1510042178MR

Date: Oct 19, 2015

Page: 2 of 4

Summary of Results:

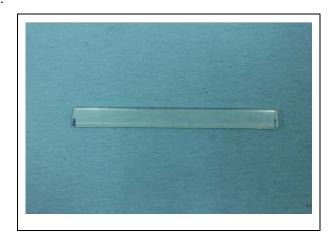
| No. | Test Item | Test Method | Result | Conclusion |
|-----|------------------|------------------------------------|--------|------------|
| 1 | Vertical Burning | UL 94-2013 Rev.3-2015 Section 8 | V-0 | / |

Note: Pass: Meet the requirements;

Fail: Does not meet the requirements;

/ : Not Apply to the judgment.

Original Sample Photo:



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198 Kezhu Road, Solentech Park Quangzhou Economic & Technology Development District, Quangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075188 www.sgsgroup.com.cn 中国・广州・经济技术开发区科学城科珠路198号 邮编:510663 t (86-20) 82155555 f (86-20) 82075188 e sgs.china@sgs.com



No.: GZIN1510042178MR

Date: Oct 19, 2015

Page: 3 of 4

Test Item: Vertical Burning Sample Description: Bar

Test Method: UL 94-2013 Rev.3-2015 Section 8

Test Condition:

Specimen: 125 mm × 12.5 mm × 4.2 mm

Test Result:

| Conditioning | 23 ± 2 °C, 50 ± 5 %RH, 48 h | | | 70 ± 2 $^{\circ}$ C, 168 h→ Desiccator, 23 ± 2 $^{\circ}$ C, 4 h | | | | | | |
|---|-----------------------------|----|----|--|----|----|----|----|----|----|
| Specimen | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| Afterflame time after the first flame application (s), t ₁ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Afterflame time after the second flame application (s), t ₂ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Afterglow time after the 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 | 0 | | | 0 | | | | | | |
| Afterflame time plus afterglow time after the second flame application (s), $t_2 + t_3 \label{eq:t2}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Whether or not specimen burn up to the holding clamp | No | No | No | No | No | No | No | No | No | No |
| Whether or not the cotton indicator ignited by flaming particles or drops | No | No | No | No | No | No | No | No | No | No |

Classification: V-0 (See table 1)

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No.: GZIN1510042178MR

Date: Oct 19, 2015

Page: 4 of 4

Table 1

| Criteria conditions | V-0 | V-1 | V-2 |
|--|-------|--------|--------|
| Afterflame time for each individual specimen t ₁ or t ₂ | ≤10 s | ≤30 s | ≤30 s |
| Total afterflame time for any condition set (t ₁ plus t ₂ for the 5 specimens) | ≤50 s | ≤250 s | ≤250 s |
| Afterflame plus afterglow time for each individual specimen after the second flame application (t_2+t_3) | ≤30 s | ≤60 s | ≤60 s |
| Afterflame or afterglow of any specimen 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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