

## TEST REPORT

No. : GZIN1605018474PS

Date : May 06, 2016


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CUSTOMER NAME: GUANGZHOU PLATO PLASTIC CO., LTD  
ADDRESS: DAYUAN VILLAGE HENGLI TOWN NANSHA DISTRICT GUANGZHOU  
CITY GUANGDONG CHINA

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

Sample Name : PVC TARPAULIN  
SGS Ref. No. : SDHL1605006699FB  
Manufacturer : GUANGZHOU PLATO PLASTIC  
Date of Receipt : May 03, 2016  
Testing Start Date : May 03, 2016  
Testing End Date : May 06, 2016  
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



Eleain Fan  
Authorized signatory



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## Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	flammability testing procedure for solids and soft toys as per Annex A6 of ASTM F 963 - 11 Standard Consumer Safety Specification for Toy Safety	PASS	/
For further details, please refer to the following page(s)			



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SGS-CTC (China) Standards Technical Services Co., Ltd.  
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## Test Conducted:

This test is conducted accordance with ASTM F 963 - 11 Standard Consumer Safety Specification for Toy Safety and the test procedure is specified in Annex A6- flammability testing procedure for fabrics.

## Sample details

Materials / Color	Plain Surface Textile Fabric / Blue
Area density	763 g/m <sup>2</sup>

## Precondition

Laundering condition	AATCC Home laundering fabrics prior to flammability testing to differentiate between durable and non-durable finishes-2007
Conditioning	T: 105°C Duration: 30mins, then cool for 30mins in desiccator

## Test results:

Test Result (Burn times (sec) or Observation)			
Sample#	Length(↑)	Sample#	Width(→)
1	DNI	6	DNI
2	DNI	7	DNI
3	DNI	8	DNI
4	DNI	9	DNI
5	DNI	10	DNI

Average burn time: No burn time

## Test Result Codes

### For Plain Surface Fabric:

DNI = Did not Ignite; IBE = Ignited, but Extinguished.

### For Raised Surface Textile Fabrics:

**SF uc** --Surface flash, under the stop thread, but does not break the stop thread.

**SF pw** --Surface flash, part way. No time shown because the surface flash did not reach the stop thread.

**SF poi** --Surface flash, at the point of impingement only (equivalent to "did not ignite" for plain surfaces).

**sec.** -- Actual burn time measured by the timing device in 0.0 seconds.

**SF** --only Time in seconds, surface flash only. No damage to the base fabric.

**SFBB** --Time in seconds, surface flash base burn starting at places other than the point of impingement as a result of surface flash.



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..\_ SFBB poi --Time in seconds, surface flash base burn starting at the point of impingement.  
 ..\_ SFBB poi\* --Time in seconds, surface flash base burn possibly starting at the point of impingement. The asterisk is accompanied by the following statement: "Unable to make absolute determination as to source of base burns." This statement is added to the result of any specimen if there is a question as to origin of the base burn.

**Requirements:**

**Plain surface fabric**

- (1) All specimens either did not ignite, or ignited but self extinguished, or any combination thereof.
- (2) Average burn time is 3.5 s or greater.

If only 1 of 5 specimens ignites and burns the stop cord with a time of 3.5 s or more, samples are acceptable.

If only 1 of 5 specimens ignites and burns the stop cord in less than 3.5 seconds, test another set of 5 specimens. Compute the average time of flame spread for all 10 specimens. If 2 or more of these specimens ignite and burn the stop cord, average the results from those specimens. If only 1 of the 10 specimens ignites and burns the stop cord, samples are acceptable.

**Raised surface fabric**

- (1) All specimens either did not ignite, or ignited but self extinguished, or any combination thereof.
- (2) Average burn time is 4 s or greater.
- (3) Average burn time is less than 4 s and all specimens burn with a surface flash where the intensity of the surface flame is insufficient to ignite, char, or melt the base fabric.
- (4) Only 1 of 5 specimens ignites and burns in less than 4s and the base fabric does not ignite or fuse, the sample is acceptable.
- (5) Only 1 of 5 specimens ignites or burns in more than 4s, regardless of whether the base fabric ignites or fuses, the sample is acceptable. To compute the average time of flame spread for each set of 5 specimens, at least 2 of the specimens must ignite and burn the stop cord. If only 1 of 5 specimens ignites and burns in less than 4 s where the base fabric ignites or fuses test another set of 5 specimens. Compute the average time of flame spread for all 10 specimens. If 2 or more of the 10 specimens ignite and burn the stop cord, average the results from those specimens. If only 1 of the 10 specimens ignites and burns the stop cord, samples are acceptable.

Conclusion	Plain Surface textile fabric	Raised Surface textile fabric
<b>ACCEPTABLE</b>	Average burn time is 3.5 seconds or more	(1) Average burn time is 4.0 seconds or more; or (2) Average burn time is 0–4 seconds with no base burns. Exhibits rapid surface flash only
<b>NOT ACCEPTABLE</b>	Average burn time is less than 3.5 seconds	Average burn time is less than 4.0 seconds with base burn

**Sub-Conclusion: PASS**



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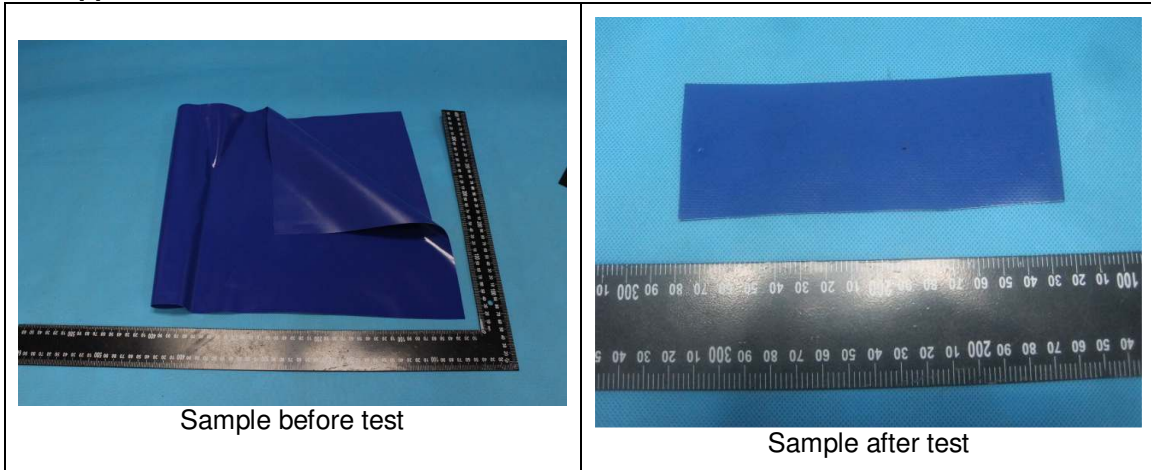
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### Photo Appendix:



### Appendix Information:

The above test was carried out by SGS internal laboratory.

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



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