SHENZHEN TOPSUN NEW ENERGY TECHNOLOGY CO.,LTD.
ROOM 1203A, TIANHUI CENTER, NO. 4545 SONGBAI ROAD, GUANGMING DISTRICT, SHENZHEN CITY, CHIN

Sample Descriptions : SILICONE LEATHER

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

****

Sample Receiving Date : Oct 14, 2026

Test Performing Date : Oct 14, 2026 to Oct 30, 2026

Test Performed : Selected test(s) as requested by applicant

Test Result(s) : For further details, please refer to the following page(s)

	Test Requirement	Conclusion
1	ANSI/BIFMA X 7.1-2011(R2021) - Volatile Organic Compounds (VOCs) Emissions	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Joan Huang

Joan Huang
Authorized Signatory

Scan to see the report
GZHL261005541101SD
Verification:
check.sgsonline.com.cn

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch 检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

***** SGS Ref No.: ENG-CAN26-0292240*****

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN26-0292240-0001.C001	Beige leatheroid with gray backing

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

ANSI/BIFMA X 7.1-2011(R2021) - Volatile Organic Compounds (VOCs) Emissions

Test Method: With reference to ANSI/BIFMA M 7.1-2011(R2021).
Testing was performed by Environmental Chamber, followed by sampling using Tenax-TA and DNPH tube, analysis using Thermodesorption System with Gas Chromatography Mass Spectrometry (TDS-GC/MS) and High Performance Liquid Chromatography-DAD (HPLC-DAD).

Test Item(s)	Limit	Unit(s)	MDL	A1
Test condition				
Chamber Volume	-	m^3	-	0.05
Air Exchange Rate	-	/h	-	1.0
Tenax Sampling Flow	-	mL/min	-	200
Tenax Sampling Time	-	minute(s)	-	25
Tenax Sampling Volume	-	L	-	5
DNPH Sampling Flow	-	mL/min	-	300
DNPH Sampling Time	-	minute(s)	-	60
DNPH Sampling Volume	-	L	-	18
Concentrations in chamber(72 hours)				
$TVOC_{toluene}$	-	mg/m^3	0.002	0.009
Formaldehyde	-	mg/m^3	0.002	ND
Sum of Aldehydes	-	mg/m^3	0.002	ND
4-Phenylcyclohexene	-	mg/m^3	0.002	ND
Emission Factors in chambe(72 hours)				
$TVOC_{toluene}$	-	mg/(h·unit)	-	ND
Formaldehyde	-	mg/(h·unit)	-	ND
Sum of Aldehydes	-	mg/(h·unit)	-	ND
4-Phenylcyclohexene	-	mg/(h·unit)	-	ND
Concentrations in chamber(168 hours)				
$TVOC_{toluene}$	-	mg/m^3	0.002	0.005
Formaldehyde	-	mg/m^3	0.002	ND
Sum of Aldehydes	-	mg/m^3	0.002	ND

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch 检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Test Item(s)	Limit	Unit(s)	MDL	A1
4-Phenylcyclohexene	-	mg/m³	0.002	ND
Emission Factors in chambe(168 hours)				
$TVOC_{toluene}$	-	mg/(h·unit)	-	ND
Formaldehyde	-	mg/(h·unit)	-	ND
Sum of Aldehydes	-	mg/(h·unit)	-	ND
4-Phenylcyclohexene	-	mg/(h·unit)	-	ND
Concentrations(Office 1)				
$TVOC_{toluene}$	0.5	mg/m³	-	ND
Formaldehyde	50	ppb	-	ND
Sum of Aldehydes	100	ppb	-	ND
4-Phenylcyclohexene	0.0065	mg/m³	-	ND
Concentrations(Office 2)				
$TVOC_{toluene}$	0.5	mg/m³	-	ND
Formaldehyde	50	ppb	-	ND
Sum of Aldehydes	100	ppb	-	ND
4-Phenylcyclohexene	0.0065	mg/m³	-	ND
Conclusion				**Pass**

Notes:

1. ND=not detectable (<MDL)
2. MDL= 0.002 mg/m³
3. $TVOC_{toluene}$ is the method of measuring TVOC using the response factor of toluene.
4. Total Aldehydes is defined as the sum of the molar volume concentrations of all normal aldehydes from formaldehyde through nonanal plus benzaldehyde.
5. Office 1: Typical open plan office environment, its clean air ventilation rate Q_0=15.02m³/h or Q_0=24.8m³/h (for seating)
6. Office 2: Typical private office environment, its clean air ventilation rate Q_0=34.68m³/h or Q_0 =24.8m³/h (for seating)
7. Data at the 168th hour was used to calculate and compare with the emission limits.

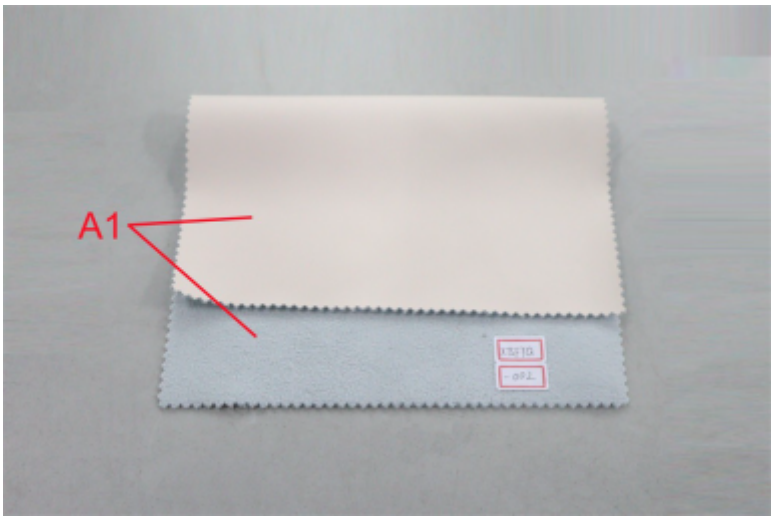
Compounds	Unit	Limits of indoor air concentration	
		Systems Furniture	Seating
$TVOC_{toluene}$	mg/m³	≤0.5	≤0.25
Formaldehyde	ppb	≤50	≤25
Total Aldehydes	ppb	≤100	≤50
4-Phenylcyclohexene	mg/m³	≤0.0065	≤0.00325

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch 检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Sample Photo(As received):



SGS authenticate the photo on original report only

End of Report

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)