

GUANGZHOU CITY DALANG SEAT CO., LTD  
 NO. 1, EAST LONGHE ROAD, YONGXING, TAIHE TOWN, BAIYUN DISTRICT, GUANGZHOU

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

Sample Description : PVC ARTIFICIAL LEATHER/ARMREST/FOAM  
 SGS Ref. No. : CAN19-150735, CAN19-144740  
 Manufacturer : GUANGZHOU CITY DALANG SEAT CO., LTD  
 Sample Receiving Date : Aug 01, 2019  
 Test Performing Date : Aug 01, 2019 to Aug 05, 2019

**Test Result Summary**

Test(s) Requested	Result(s)	Comments
Determination of Lead (Pb) content in the submitted sample(s) with reference to Entry 63 of Commission Regulation (EU) No 2015/628 amending Annex XVII to REACH Regulation (EC) No 1907/2006.	PASS	/
To determine the Cadmium Content in the selected part(s) of submitted sample(s) with reference to Entry 23 of Commission Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006.	PASS	/
To determine Dimethyl Fumarate(DMF) content in the submitted sample(s) with reference to Entry 61 of Commission Regulation (EU) No 412/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Commission Decision 2012/48/EU).	PASS	/
Determination of Phthalates content(s) of the selected parts in the submitted sample(s) with reference to Client's requirements.	PASS	/
Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in the submitted sample(s) with reference to Entry 50 paragraph 5 to 8 of Commission Regulation (EU) 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006.	PASS	/
For further details, please refer to the following page(s)		

Signed for and on behalf of  
 Shunde Branch  
 SGS-CSTC Co., Ltd.




Bill Wang  
 Approved signatory



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SGS-CSTC Inspection & Testing Services Co., Ltd.  
 Shunde Branch Harbin

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 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

Test Results :

Test Part Description :

SGS Sample ID	Description
CAN19-144740.001	Black leatheroid with white backing(sheet)
CAN19-144740.002	Ren leatheroid with white backing(sheet)
CAN19-144740.003	Black material(bottom)
CAN19-150735.004	Light beige sponge(block)

Remarks :

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

**Entry 63 of Commission Regulation (EU) No 2015/628 amending Annex XVII to REACH Regulation (EC) No 1907/2006- Lead**

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to US EPA Method 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002	003
Lead (Pb)	500	mg/kg	2	ND	ND	ND

**Entry 23 of Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Cadmium and its compounds**

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to US EPA Method 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001	002	003
Cadmium (Cd)	7440-43-9	0.01	%(w/w)	0.0005	ND	ND	ND
<b>Comment</b>					<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

**Entry 61 of Commission Regulation (EU) No 412/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Dimethyl Fumarate(DMF)**



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Test Method : SGS In-house method (GZTC CHEM-TOP-095), analysis was performed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001	002	003
Dimethyl fumarate(DMF)	0.1	mg/kg	0.1	ND	ND	ND
<b>Comment</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Test Item(s)	Limit	Unit	MDL	004
Dimethyl fumarate(DMF)	0.1	mg/kg	0.1	ND
<b>Comment</b>				<b>PASS</b>

### Phthalates

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	0.1	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	0.1	%(w/w)	0.010	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	0.1	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	0.1	%(w/w)	0.010	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	003
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 /	0.1	%(w/w)	0.010	ND



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	68515-48-0				
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	0.1	%(w/w)	0.010	ND

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

**Entry 50 paragraph 5 to 8 of Commission Regulation (EU) 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	003
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND



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## Test Report

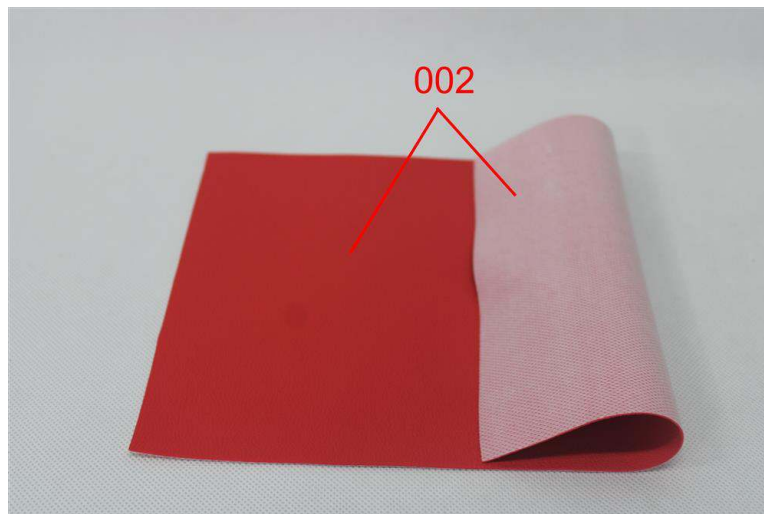
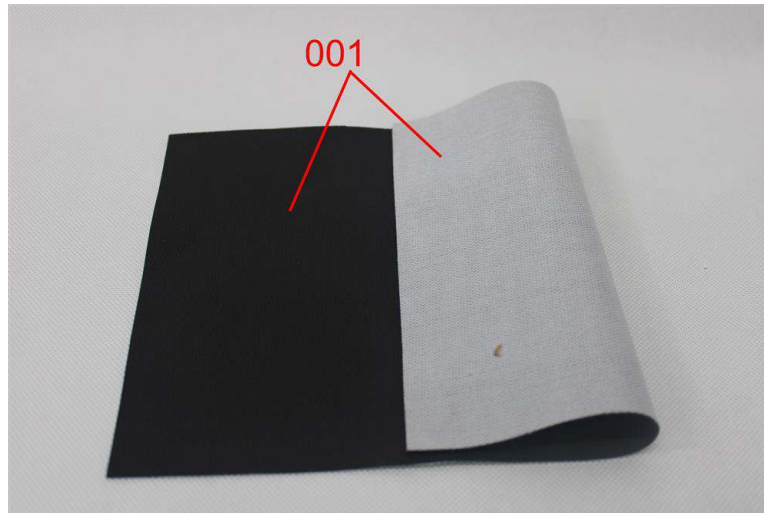
No. SDHL1907012782FT

Date: Aug.06, 2019

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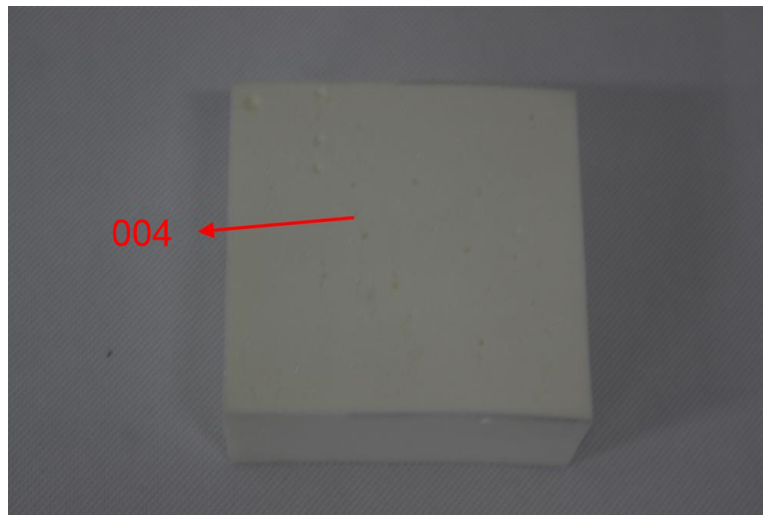
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	NDPhoto

### Photo Appendix:



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**Remark:** This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

\*\*\*End of Report\*\*\*



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