

# Test Report

No. NGBHG1504289901

Date: 13 Nov 2015

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LUMI LEGEND CORPORATION

22/F., BUILDING 1, LISI PLAZA, HUIFENG EAST ROAD, NINGBO, CHINA 315100


The following sample(s) was/were submitted and identified on behalf of the clients as : ANTI-SLIP DESK ARMREST

SGS Job No. : NBHG1511009576SD - NB  
 Date of Sample Received : 09 Nov 2015  
 Testing Period : 09 Nov 2015 - 13 Nov 2015  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012 and (EU) No 494/2011 - Cadmium (Cd)	PASS
Commission Regulation (EU) No 836/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Lead (Pb)	PASS
Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)	PASS
Polycyclic aromatic hydrocarbons (PAHs)	PASS

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



Iris Xiao  
 Approved Signatory



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SGS-CSTC Standards Technical Services Co., Ltd.  
 Ningbo Branch

1-5/F West of Building 4, Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, Zhejiang, China 315040 t E&E (86-574)89070249 t ML (86-574)89070242 www.sgs.com.cn  
 中国·浙江·宁波市国家高新区凌云路1177号凌云产业园4号楼西1-5层 邮编: 315040 t HL (86-574)89070271 t TY (86-574)89070211 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	NGB15-042899.001	Cyan plastic anti-slip desk armrest

Remarks :

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

**Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012 and (EU) No 494/2011 - Cadmium (Cd)**

Test Method : With reference to EN 1122:2001 Method B. Analysis was performed by AAS.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	0.01	%	0.0005	ND
<b>Conclusion</b>				<b>PASS</b>

**Commission Regulation (EU) No 836/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Lead (Pb)**

Test Method : With reference to CPSC Test Method: CPSC-CH-E1002-08.3. Analysis was performed by AAS.

Test Item(s)	Limit	Unit	MDL	001
Lead (Pb)	0.05	%	0.002	ND
<b>Conclusion</b>				<b>PASS</b>

**Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)**

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



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
<b>1. For all toys and childcare articles</b>					
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	ND
Total (DBP+BBP+DEHP)		0.1	%	-	ND
<b>2. For toys and childcare articles that can be mouthed</b>					
Diisononyl Phthalate (DINP)	28553-12-0/68515-48-0	-	%	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/68515-49-1	-	%	0.010	ND
Total (DINP+DNOP+DIDP)		0.1	%	-	ND

## Conclusion

**PASS**

## Notes :

- (1) European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);
- (1-1) DBP, BBP and DEHP are totally banned for use in any toys on childcare articles where their concentration exceeds 0.1% by mass.
- (1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

## Polycyclic aromatic hydrocarbons (PAHs)

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

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND



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SGS-CAS Standards Technical Services Co., Ltd. 1-5/F West of Building 4, Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, Zhejiang, China 315040 t E&E (86-574)89070249 t ML (86-574)89070242 www.sgsgroup.com.cn  
 中国·浙江·宁波市国家高新区凌云路1177号凌云产业园4号楼西1-5层 邮编: 315040 t HL (86-574)89070271 t TY (86-574)89070211 e sgs.china@sgs.com

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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	-	ND
Naphthalene(NAP)	mg/kg	0.1	0.3
Sum of 18 PAHs	mg/kg	-	0.3
Material Category	-	-	2
<b>Conclusion</b>			<b>PASS</b>

Notes :

- (1) The material category was given by the client and not assessed by SGS.
- (2) As per client information, the tested sample is not toy's product which is under the directive of ProdSG.



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AfPS ( German commission for Product Safety ) : GS PAHs requirements

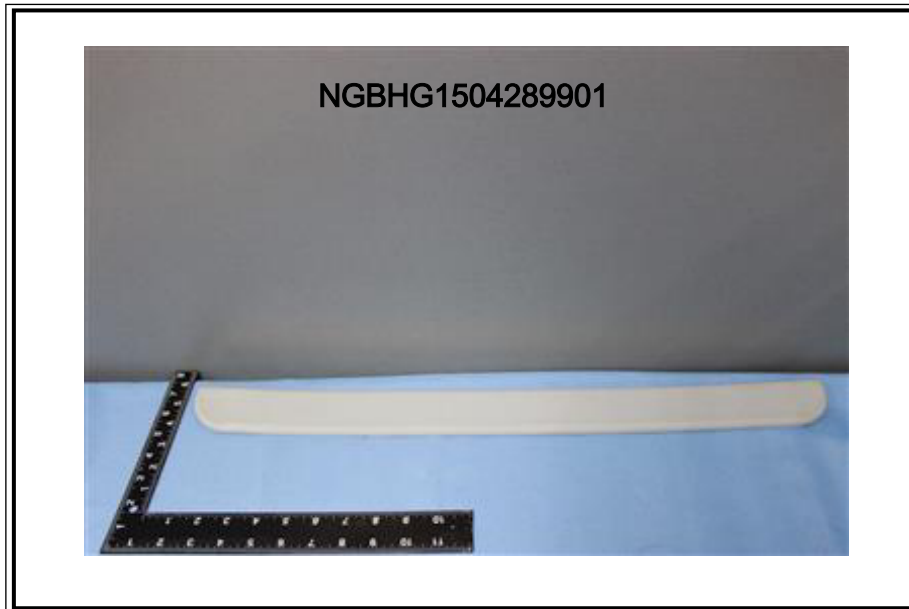
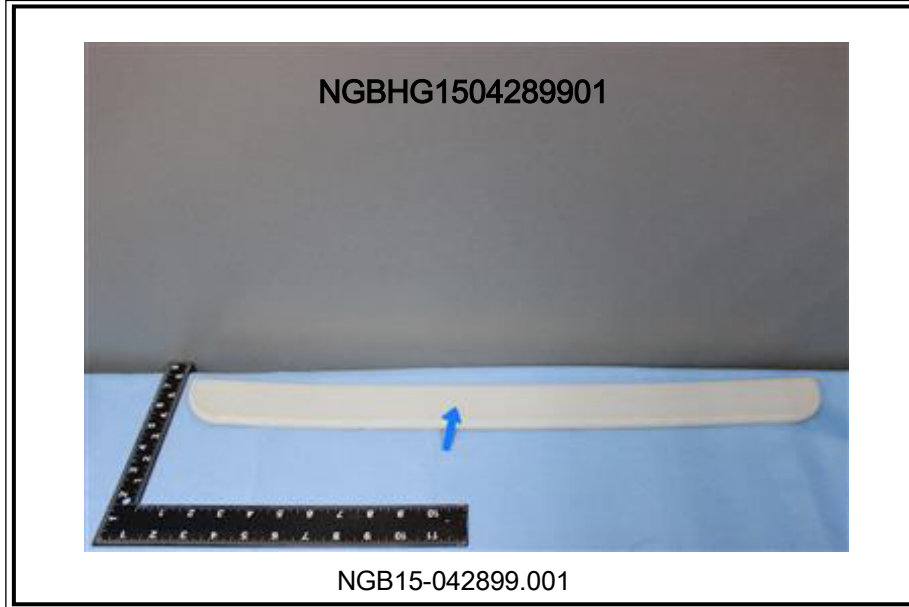
Parameter	Category 1 Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Category 2		Category 3	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/ EC	Other products under ProdSG
Benzo(a)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Acenaphthylene, Acenaphthene, fluorene,phenanthrene , pyrene, anthracene, fluoranthene, mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene, mg/kg	< 1	< 2		< 10	
Sum of 18 PAHs	< 1	< 5	< 10	< 20	< 50



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