

TEST REPORT

Report No.: XMTN2211125-60802E

Date: December 01, 2021

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SINHO ELECTRONIC TECHNOLOGY CO., LTD

West side-2 of Third Floor of 27th building. Huli industrial. Xiamen City, China

Report on the submitted samples said to be:

Sample Description:	PS Conductive sheet
Color:	black
Country of Origin:	China
Manufacturer:	SINHO ELECTRONIC TECHNOLOGY CO., LTD
Sample/EUT Status:	Good condition
Sample Receiving Date:	November 25,2021
Testing Period:	November 25,2021 - December 01,2021
Result:	Please refer to next page(s).

Signed for and on behalf of

BACL



Checked by: _____
Jenifer Yu

Approved by: _____
Fedor Zhang



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Summary of Test Result:

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CONCLUSION

A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

Pass

A.1 Wet Chemical Testing

A.1.1 Total Lead content

Please refer to next page(s).

A.1.2 Total Cadmium content

Please refer to next page(s).

A.1.3 Total Mercury content

Please refer to next page(s).

A.1.4 Chromium VI (CrVI) content

Please refer to next page(s).

A.1.5 PBBs & PBDEs content

Please refer to next page(s).

A.2 Phthalates(DBP, BBP, DEHP, DIBP)content

Please refer to next page(s).



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Result:

Tested part(s):

(1) Black plastic

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A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

A.1 Wet Chemical Testing

A.1.1 Total Lead content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result	Limit
			(1)	
Lead(Pb)	mg/kg	10	N.D.	1000
Conclusion	/	/	Pass	/

A.1.2 Total Cadmium content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result	Limit
			(1)	
Cadmium(Cd)	mg/kg	10	N.D.	100
Conclusion	/	/	Pass	/

A.1.3 Total Mercury content

Test method: IEC 62321-4:2013+AMD1:2017 CSV

Item	Unit	RL	Result	Limit
			(1)	
Mercury(Hg)	mg/kg	10	N.D.	1000
Conclusion	/	/	Pass	/

A.1.4 Chromium VI (CrVI) content

Test method: IEC 62321-7-2:2017

Item	Unit	RL	Result	Limit
			(1)	
hexavalent chromium(Cr VI)	mg/kg	10	N.D.	1000
Conclusion	/	/	Pass	/

A.1.5 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	RL	Result	Limit
			(1)	
Monobromobiphenyl (MonoBB)	mg/kg	100	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	100	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	100	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	100	N.D.	-

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Item	Unit	RL	Result	Limit
			(1)	
Pentabromobiphenyl(PentaBB)	mg/kg	100	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	100	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	100	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	100	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	100	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	100	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	100	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	100	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	100	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	100	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	100	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	100	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	100	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	100	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	100	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	100	N.D.	-
sum of MonoBB,DiBB,TriBB,TetraBB,Pe ntaBB,HexaBB,HeptaBB,OctaB B,NonaBB,DecaBB	mg/kg	-	N.D.	1000
sum of MonoBDE,DiBDE,TriBDE,TetraB DE,PentaBDE,HexaBDE,HeptaB DE,OctaBDE,NonaBDE,DecaBD E	mg/kg	-	N.D.	1000
Conclusion	/	/	Pass	/

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Remark:

The maximum permissible limit is quoted from RoHS directive 2011/65/EU its amendment directives:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominate ddiphenylethers (PBDEs)	1000

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- The results less than RL are not taken into account while calculating the sum contents.
- The inner ring in picture was only used for carrying sample which should be tested.

A.2 Phthalates(DBP, BBP, DEHP, DIBP)content

Test method: IEC 62321-8:2017

Item	Unit	RL	Result	Limit
			(1)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	0.1
Conclusion	/	/	Pass	/

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- 0.1% = 1000 mg/kg, mg/kg = ppm
- The inner ring in picture was only used for carrying sample which should be tested.

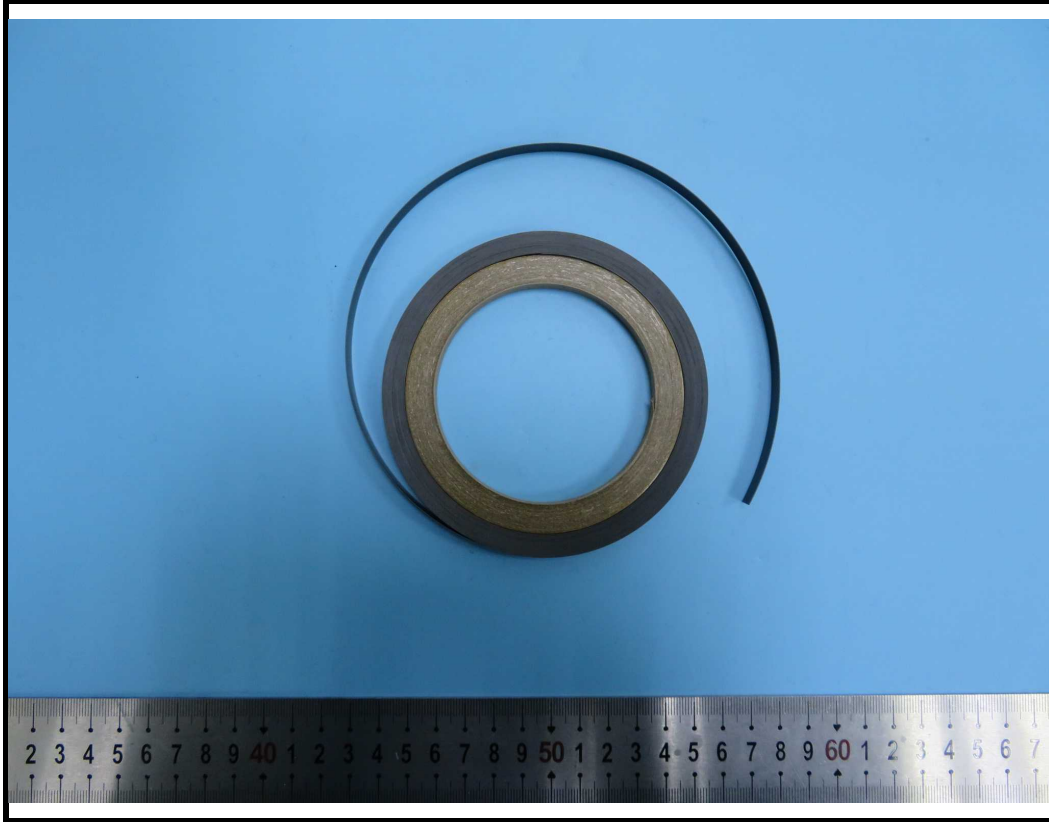
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Photograph of Sample



BACL authenticate the photo on original report only

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Directions:

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2. 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.
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacture, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
7. The data results in this report are used for learning, research, internal quality control, product development, scientific research, teaching, etc.

*** End of Report ***