

Test Report

Report No.: GNBC241028166EN

Issue Date: Oct. 30, 2024

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : Weihai Snowwing Outdoor Equipment Co., Ltd.
Address : YangTing town feng huang shan road 1073.lian cheng zhi gu Industrial Park19,
Weihai City, Shandong Province. Post code: 264204
Sample Name : Carbon Fiber products
Country of Origin : China
Exported to : Europe
Sample Receive Date : Oct. 28, 2024
Sample Testing Period : Oct. 28, 2024 - Oct. 30, 2024
Test Result Summary:

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers(PBDEs) and Phthalates(DBP, BBP, DEHP, DIBP)	As specified by client, to comply with the Limits for Restriction of the use of certain hazardous substance in electrical and electronic equipment (RoHS Directive (EU) 2015/863 amending Annex II of Directive 2011/65/EU)	See Result(s)

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Authorized signature:



Lab Manager: Gavin Zhou



Oct. 30, 2024

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Test Result(s):
Test Part Description:

Part No.	Description
<u>01</u>	Black plastic

Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls(PBBs), Polybrominated diphenyl ethers(PBDEs) and Phthalates(DBP, BBP, DEHP, DIBP)

Test Method: Lead(Pb), Cadmium(Cd) – IEC 62321-5:2013, Acid digestion and determined by ICP-OES
 Mercury(Hg) – IEC 62321-4:2013/AMD1:2017, Acid digestion and determined by ICP-OES
 Cr(VI) – IEC 62321-7-2:2017, Solution extraction and determined colorimetrically by UV-vis
 PBBs, PBDEs – IEC 62321-6:2015, Solvent extraction and determined by GC-MS
 DBP, BBP, DEHP, DIBP – IEC 62321-8:2017, Solvent extraction and determined by GC-MS

<u>Test item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>RL</u>	<u>Result(s)</u>
				<u>01</u>
Lead(Pb)	1000	mg/kg	10	N.D.
Cadmium(Cd)	100	mg/kg	10	N.D.
Mercury(Hg)	1000	mg/kg	10	N.D.
Hexavalent chromium(Cr(VI))	1000	mg/kg	50	N.D.
Monobromobiphenyls	--	mg/kg	5	N.D.
Dibromobiphenyls	--	mg/kg	5	N.D.
Tribromobiphenyls	--	mg/kg	5	N.D.
Tetrabromobiphenyls	--	mg/kg	5	N.D.
Pentabromobiphenyls	--	mg/kg	5	N.D.
Hexabromobiphenyls	--	mg/kg	5	N.D.
Heptabromobiphenyls	--	mg/kg	5	N.D.
Octabromobiphenyls	--	mg/kg	5	N.D.
Nonabromobiphenyls	--	mg/kg	5	N.D.
Decabromobiphenyl	--	mg/kg	5	N.D.
Group PBBs	1000	mg/kg	--	N.D.
Monobromodiphenyl ethers	--	mg/kg	5	N.D.
Dibromodiphenyl ethers	--	mg/kg	5	N.D.
Tribromodiphenyl ethers	--	mg/kg	5	N.D.
Tetrabromodiphenyl ethers	--	mg/kg	5	N.D.
Pentabromodiphenyl ethers	--	mg/kg	5	N.D.
Hexabromodiphenyl ethers	--	mg/kg	5	N.D.

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Test item(s)	Limit	Unit	RL	Result(s)
				01
Heptabromodiphenyl ethers	--	mg/kg	5	N.D.
Octabromodiphenyl ethers	--	mg/kg	5	N.D.
Nonabromodiphenyl ethers	--	mg/kg	5	N.D.
Decabromodiphenyl ether	--	mg/kg	5	N.D.
Group PBDEs	1000	mg/kg	--	N.D.
Dibutyl phthalate(DBP)	1000	mg/kg	50	N.D.
Butyl benzyl phthalate(BBP)	1000	mg/kg	50	N.D.
Bis(2-ethylhexyl) phthalate(DEHP)	1000	mg/kg	50	N.D.
Diisobutyl phthalate(DIBP)	1000	mg/kg	50	N.D.
Conclusion(s)				PASS*

- Note:**
1. 1000mg/kg = 0.1%;
 2. RL = Reporting Limit;
 3. N.D. = Not detected (<RL);
 4. "*" = As requested by client.

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Sample Photo(s):



GIG authenticate the photo(s) on original report only

End of Report

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