

Test Report

No.: A112412200111A

Date: Dec 26, 2024

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APPLICANT: DONGGUAN ZHENG TONG MATERIALS CO.,LTD

ADDRESS: 301, NO.2 JUNPU INDUSTRIAL ROAD, HOUJIE TOWN, DONGGUAN CITY

Submitted Sample(s) Information

Sample Description	:	SILICONE HANDLE OIL
Color	:	-
Style Name	:	-
Style No.	:	1026-7/12-X
Order No.	:	-
Composition	:	-
Age	:	-
Season	:	-
Buyer	:	-
Supplier	:	-
Manufacturer	:	-
Vendor	:	-
Brand	:	-
Country of Origin	:	-
Exported to	:	-
Product End Use	:	-
Sample Qty	:	-
Packaging Provide	:	-
Other Information	:	-
Sample Receive Date	:	Dec 20, 2024
Test Period	:	From Dec 20, 2024 to Dec 26, 2024
Report Date	:	Dec 26, 2024

Test Requested	Conclusion	Remarks
Heavy Metals and Flame Retardants Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with Amendments up to EU No. 2015/863 Annex II	PASS	-
Phthalates (DBP, BBP, DEHP, DIBP) Content- European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with Amendments up to EU No. 2015/863 Annex II	PASS	-

Prepared by:

Nami

Authorized by:




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Test Materials List of Chemical

Material(s) No.	Description	Location	Style	Remark
1	Translucent paste	-	-	Drying test

Test Result

Heavy Metals and Flame Retardants Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with Amendments up to EU No. 2015/863 Annex II

Analyte	Result (mg/kg)
	Material(s) No.
	1
Lead (Pb)	ND
Mercury (Hg)	ND
Cadmium(Cd)	ND
Hexavalent Chromium (CrVI)	ND
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromobiphenyl	ND
Decabromobiphenyl	ND
Sum of PBBs	ND
Monobromodiphenyl ether	ND
Dibromodiphenyl ether	ND
Tribromodiphenyl ether	ND
Tetrabromodiphenyl ether	ND
Pentabromodiphenyl ether	ND
Hexabromodiphenyl ether	ND
Heptabromodiphenyl ether	ND
Octabromodiphenyl ether	ND
Nonabromodiphenyl ether	ND
Decabromodiphenyl ether	ND
Sum of PBDEs	ND
Conclusion	PASS



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Note: ND = Not detected (<Detection Limit) “>” = Greater than
NA = Not Applicable NR = Not requested
Detection Limit : See Appendix. 10000 mg/kg = 1 %
mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Remark:

- The testing approach is listed in table of Appendix.
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to European Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.

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APPENDIX:

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit				
No.	Name of Analytes	Detection Limit (mg/kg)	Maximum Allowable Limit (mg/kg)	Test Method(s)
1	Lead (Pb)	10 ^[a]	1000	[a]:Test method with reference to IEC 62321-5:2013.
2	Cadmium (Cd)	10 ^[a]	100	
3	Mercury (Hg)	10 ^[b]	1000	[b]:Test method with reference to IEC 62321-4:2013+AMD1: 2017
4	Chromium VI (Cr VI)	10 ^[c] / See ^[d,f]	1 000 / Negative ^[f]	[c]:Polymers and Electronic-Test method with reference to: European standard IEC 62321-7-2:2017. [d]:Metal-Test method with reference to: European standard IEC 62321-7-1:2015 ^[e· f] .
5	Polybromobiphenyls - Mono-bromobiphenyl - Di-bromobiphenyl - Tri-bromobiphenyl - Tetra-bromobiphenyl - Penta-bromobiphenyl - Hexa-bromobiphenyl - Hepta-bromobiphenyl - Octa-bromobiphenyl - Nona-bromobiphenyl - Deca-bromobiphenyl	50(each)	Sum 1 000 ^[g]	[g]:Test method with reference to European standard IEC 62321-6: 2015.
6	Polybromodiphenyl ethers - Mono-bromodiphenyl ether - Di-bromodiphenyl ether - Tri-bromodiphenyl ether - Tetra-bromodiphenyl ether - Penta-bromodiphenyl ether - Hexa-bromodiphenyl ether - Hepta-bromodiphenyl ether - Octa-bromodiphenyl ether - Nona-bromodiphenyl ether - Deca-bromodiphenyl ether	50(each)	Sum 1 000 ^[g]	
[e]	The principle of this method was evaluated and supported by two studies organized by IEC TC111 WG3. These studies were focused on detecting the presence of CrVI in the corrosion protection coatings on metallic samples.			
[f]	MDL: 0.05µg/cm ² Negative = Sample CrVI concentration is less than 0.10µg/cm ² Positive = Sample CrVI concentration is greater than 0.13µg/cm ² Inconclusive = Sample CrVI concentration is between 0.10µg/cm ² and 0.13µg/cm ² Inconclusive indicates the unavoidable coating variations may influence the determination. If addition samples are available, perform a total of 3 trials to increase sampling surface area, use the averaged result of the 3 trials for the final determination. Storage conditions and production date of the tested sample are unavailable and thus result of CrVI represent status of the sample at the time of testing.			

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Test Result

Phthalates (DBP, BBP, DEHP, DIBP) Content- European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)with Amendments up to EU No. 2015/863 Annex II

Test Method : IEC 62321-8:2017, analyzed by Gas Chromatograph Mass Spectrometer.

Analyte	CAS No.	Result(%,w/w)	Requirement (%,w/w)
		Material(s) No.	
		1	
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	0.1
Dibutyl phthalate (DBP)	84-74-2	ND	0.1
Benzylbutyl phthalate (BBP)	85-68-7	ND	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.1
Conclusion		PASS	-

Note: ND = Not detected(<Detection Limit)
10 000 mg/kg = 1 %

Detection Limit : 0.005%
mg/kg = milligram per kilogram = ppm = part per million

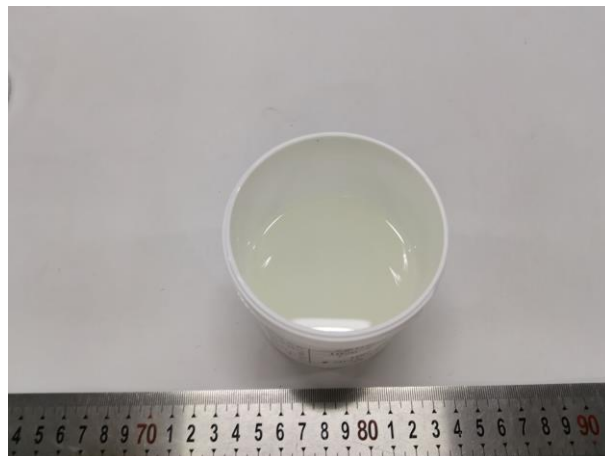
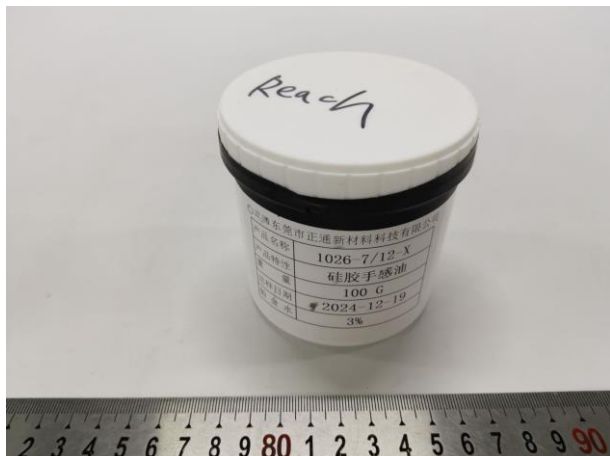
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SAMPLE PHOTO



*** End of Report ***

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