

Test Report

No. TAOEC2400352401

Date: 15 Mar 2024

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Client Name : Jiangsu DINGS' Intelligent Control Technology Co., Ltd.

Client Address : 355 Longjin Road, Changzhou Economic Development Zone, Jiangsu, China

Sample Name : Stepper Lead Screw Linear Actuator
Client Ref. Information : E/N/C/K/BS/PM/H/P/W/HS/DLM/DLG/DSM/DSL/DWM/DMEG
Supplier : DINGS'
Manufacturer : Jiangsu DINGS' Intelligent Control Technology Co., Ltd.
Origin of the Product(s) : CHINA
Tested Basic Model No. : 23E2110H4-177.8SNSN.030
The above sample(s) and information were provided by the client.

SGS Job No. : SHP24-003540 - QD
Date of Sample Received : 01 Feb 2024
Testing Period : 01 Feb 2024 - 19 Feb 2024
Test Requested : Selected test(s) as requested by the client.
Test Method(s) : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Justin

Zhang Bo, Justin
Approved Signatory

scan to see the report



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Photo of Submitted Sample



Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
A1	TAO24-003524.001	White plastic
A2	TAO24-003524.002	Green plastic(jacket)
A3	TAO24-003524.003	Pink plastic(jacket)
A4	TAO24-003524.004	Green/white plastic(jacket)
A5	TAO24-003524.005	Pink/white plastic(jacket)
A6	TAO24-003524.006	Beige plastic
A7	TAO24-003524.007	Black plastic
A8	TAO24-003524.008	Transparent plastic
A9	TAO24-003524.009	Silvery plastic(label)
A10	TAO24-003524.010	White plastic
A11	TAO24-003524.011	Black/white plastic(label)
A12	TAO24-003524.012	Green PCB
A13	TAO24-003524.013	Black rubber



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Remarks :

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

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

Test Method : With reference to US EPA Method 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	A1
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND

Conclusion **PASS**

Test Item(s)	CAS NO.	Limit	Unit	MDL	A2
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND

Conclusion **PASS**

Test Item(s)	CAS NO.	Limit	Unit	MDL	A3
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND

Conclusion **PASS**

Test Item(s)	CAS NO.	Limit	Unit	MDL	A4
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND



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Test Item(s)	CAS NO.	Limit	Unit	MDL	A4
Conclusion					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	A5
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	A6
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	A7
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	A8
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	A9
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>A9</u>
Conclusion					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>A10</u>
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>A11</u>
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>A12</u>
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>A13</u>
Decabromodiphenyl ether (Deca-BDE) Δ ¹	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ ²	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ ³	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					PASS

Notes :

1. “★” = Prohibited
2. The regulation is available at the following link.
<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>
3. Δ¹:The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.



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4. Δ^2 : The submitted sample is exempted from the regulated scope if it is anyone of the following:
- Hydraulic fluids for aviation or military industry;
 - Lubricants and grease;
 - New and replacement parts for motor and aerospace vehicles;
 - Intermediate in a closed system to produce cyanoacrylate adhesive;
 - Specialized engine air filters for locomotive and marine applications;
 - Plastic for recycling from products or articles containing PIP (3:1);
 - Finished products or articles made of plastic recycled from products or articles containing PIP (3:1).
5. Δ^3 : The submitted sample is out of the regulated scope if it is not oil or lubricant.

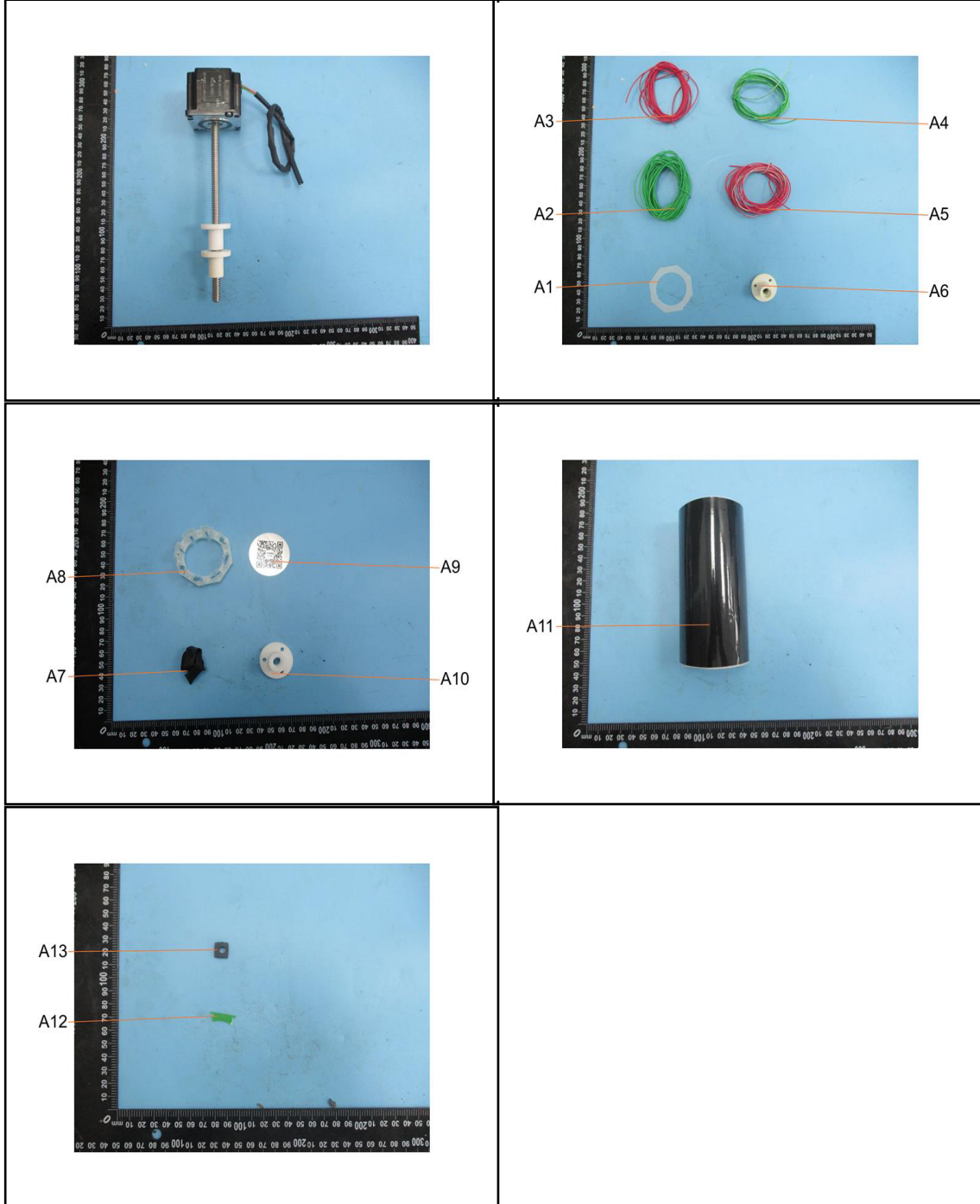
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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