



TEST REPORT

Applicant : SISO A/S
Address : Mileparken 11, DK-2740 Skovlunde, Copenhagen, Denmark

The following sample(s) was/were submitted and identified on behalf of the client as:

Product name : Ball Bearing slide
Model : NJ3600, NJ4500, ME4500, ME4950, 8827

Manufacturer : SISO A/S
Address : Mileparken 11, DK-2740 Skovlunde, Copenhagen, Denmark

Sample Received Date : May 20, 2016
Testing Period : May 20, 2016 to May 27, 2016

Test Request :
As specified by client, test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs) and Polybrominated Diphenyl Ethers(PBDEs) content in the submitted samples in accordance with RoHS 2011/65/EU.

Conclusion:
PASS

Test Result(s): Please refer to the following page(s);

Test Method: Please refer to the following page(s);

Wrote by:

Jenny

Reviewed by:

Sandy

Approved by:

Henry

Date:

June. 2. 2016

Material List

Material No.	Description	MaterialS	Color
01	Inner/ Middle/ Out member	Cold Roller Steel with Electric Plated	Metallic
02	Steel ball bearing	Carbon steel	Metallic
03	Steel ball retainer	Cold Roller steel	Metallic grey
04	Frame	Plastic	Black
05	Frame	Plastic	Grey
06	Frame /Pump enclosure	Plastic	Black



1. Test Result(s):

Tested Item	Test Results (mg/kg)						MDL	RoHS Limit (mg/kg)
	01	02	03	04	05	06		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2 mg/kg	<1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2 mg/kg	<1000
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2 mg/kg	<1000
Chromium(Cr VI)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2 mg/kg	<1000
Sum of PBBs	NA	NA	NA	N.D.	N.D.	N.D.	/	<1000
Bromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Dibromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Tribromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Tetrabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Pentabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Hexabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Heptabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Octabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Nonabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Decabromobiphenyl	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Sum of PBDEs	NA	NA	NA	N.D.	N.D.	N.D.	/	<1000
Bromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Dibromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Tribromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Tetrabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Pentabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Hexabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Heptabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Octabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Nonabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/
Decabromobiphenyl Ether	NA	NA	NA	N.D.	N.D.	N.D.	2 mg/kg	/

Note: -N.D. = Not Detected (<MDL)
-MDL = Method Detection Limit
-mg/kg = ppm = parts per million
-/=Not Regulated or Not Applicable

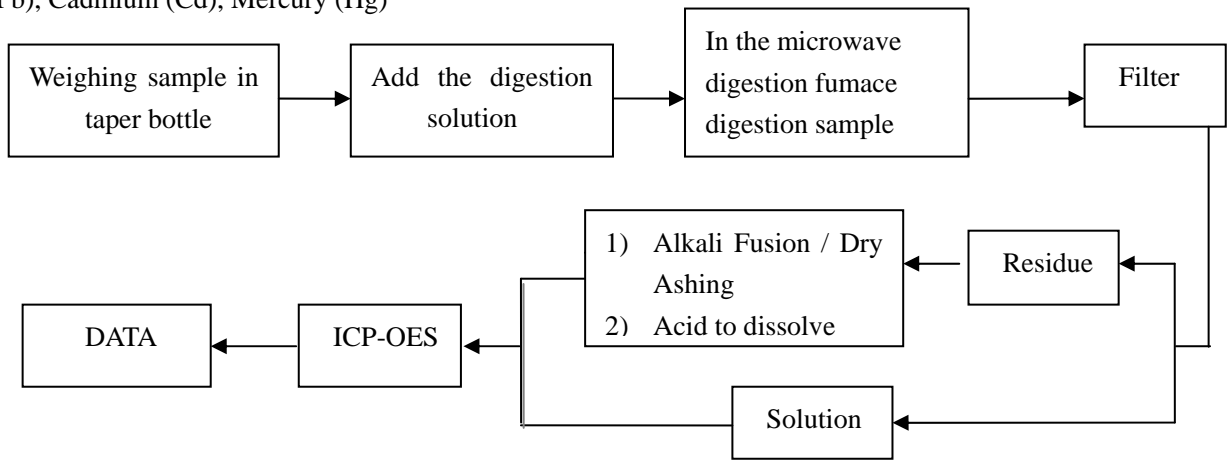
Remark(s): Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means 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).

2. Chemical Test:

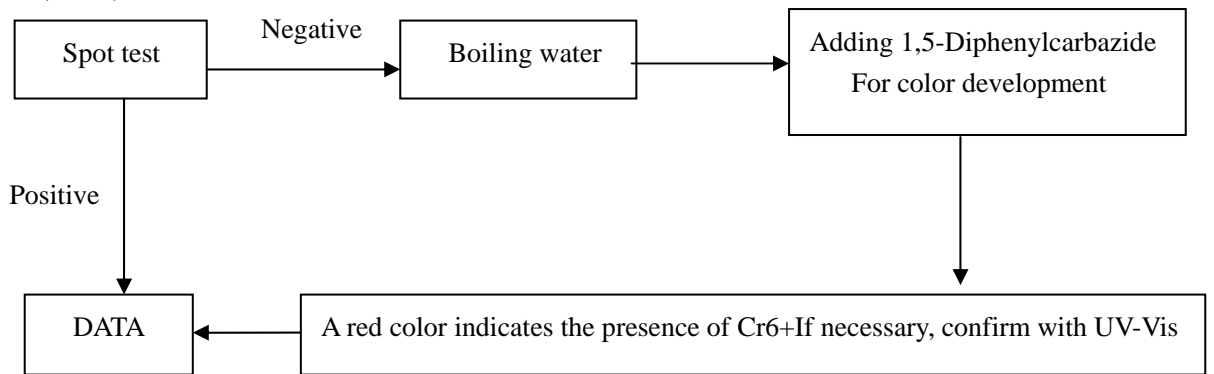
Testing item	Pretreatment method	Measuring instrument
Lead(Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury(Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
Chromium(Cr VI)	IEC 62321:2008 Ed.1	UV-Vis
PBBs/ PBDEs	IEC 62321-6:2015 Ed.1 Annex A	GC-MS

3. Test Flow:

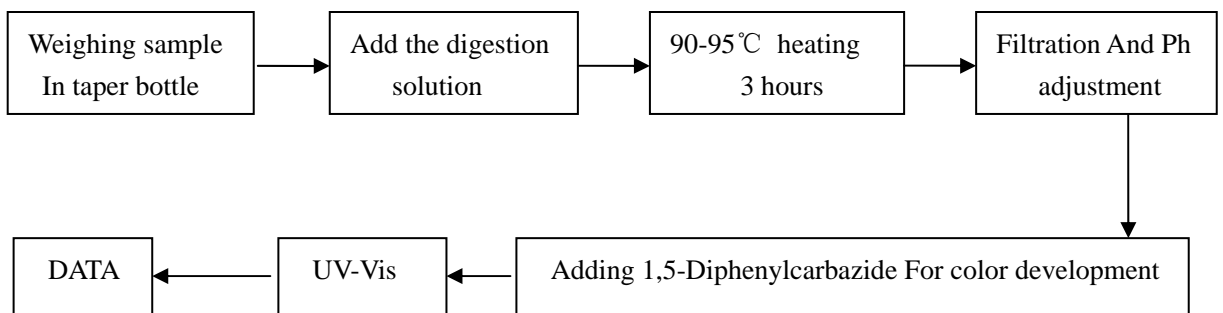
1. Lead (Pb), Cadmium (Cd), Mercury (Hg)



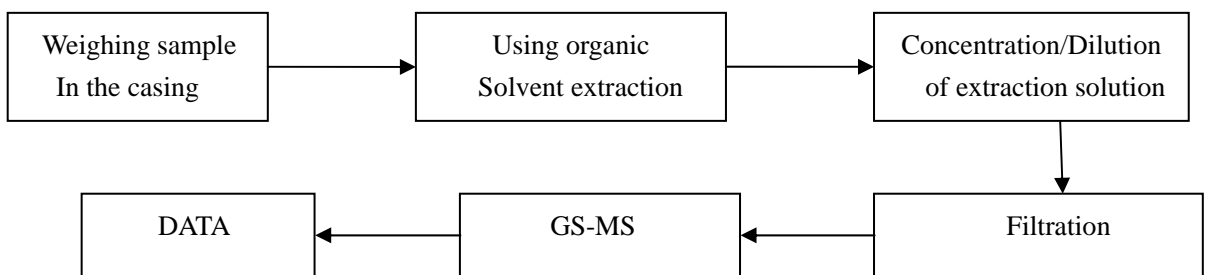
2. Chromium (Cr VI) - Metallic material



3. Chromium (Cr VI)-Nonmetallic material



4. PBBs/ PBDEs



Sample photo(s):



End of Report