

RoHS Test Report

Applicant : ShenZhen XiangWei Measurement and Control Technology Co.,Ltd
Address : 1609-1610 Jinhua Building, Taoxia, Gaofeng Community, Dalang Street,
Longhua District, Shenzhen
Manufacturer : ShenZhen XiangWei Measurement and Control Technology Co.,Ltd
Address : 1609-1610 Jinhua Building, Taoxia, Gaofeng Community, Dalang Street,
Longhua District, Shenzhen

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

Sample Name : FUEL SENSING CABLE

Trade Mark



Model Number : XW3000

Sample Received Date : Dec. 18, 2018

Testing Period : Dec. 19, 2018–Dec. 20, 2018

Test Requested : Selected test (s) in the selected parts as requested by client with the RoHS Directive 2011/65/(EU) 2015/863.

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Prepared by: Kelly Li
Engineer

Reviewer: Jason Wu
Supervisor

Approved & Authorized Signer: Tommy Wu
Tommy Wu / Manager



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Sample Description:

No.	Description	Name
1	Fluoropolymer	Fluoropolymer
2	Copper line	Copper line
3	Plastic	Plastic
4	Glue	Glue



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Test Result (No. 1):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2013, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
DEHP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
BBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DIBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000



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Test Result (No. 2):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2013, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
DEHP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
BBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DIBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000



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Test Result (No. 3):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2013, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
DEHP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
BBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DIBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000



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Test Result (No. 4):

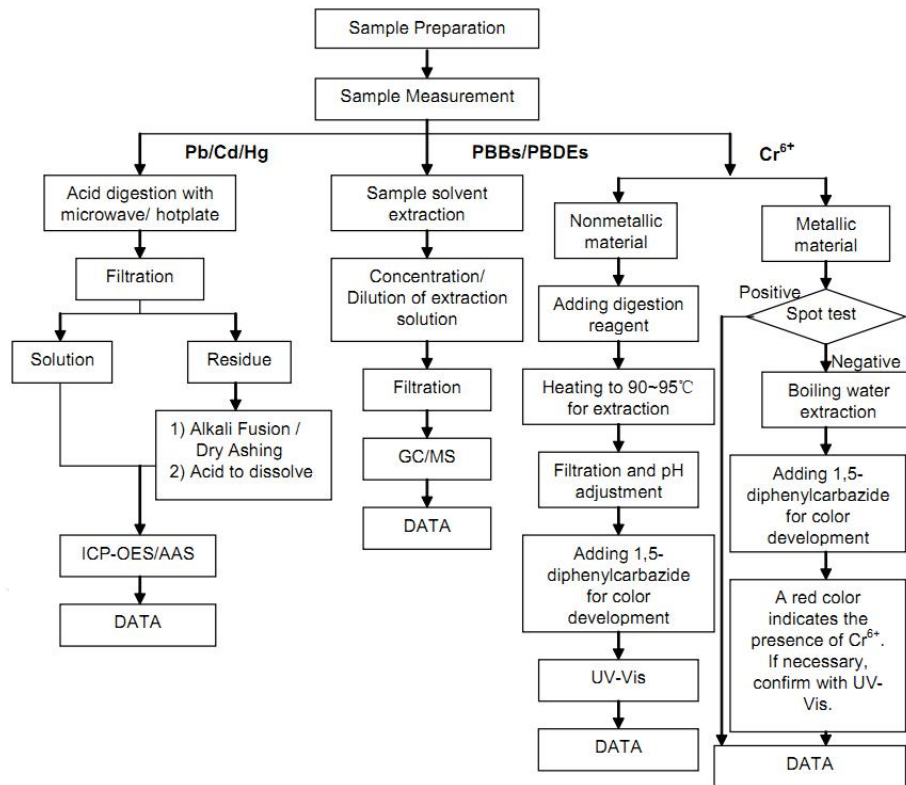
Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2013, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC 62321:2013, GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2013, GC-MS	N.D.	5	--
DEHP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
BBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000
DIBP	mg/kg	EN 14372:2004, GC-MS	N.D.	5	1000

- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDL)
 3. MDL = Method Detection Limit
 4. -- = No Testing

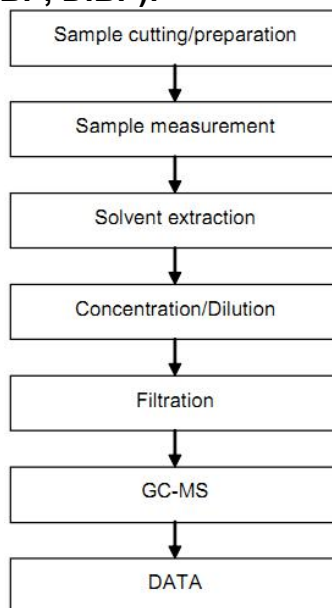


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Testing Flow Chart (Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs):



Testing Flow Chart (DEHP, DBP, BBP, DIBP):



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Photo of Sample:

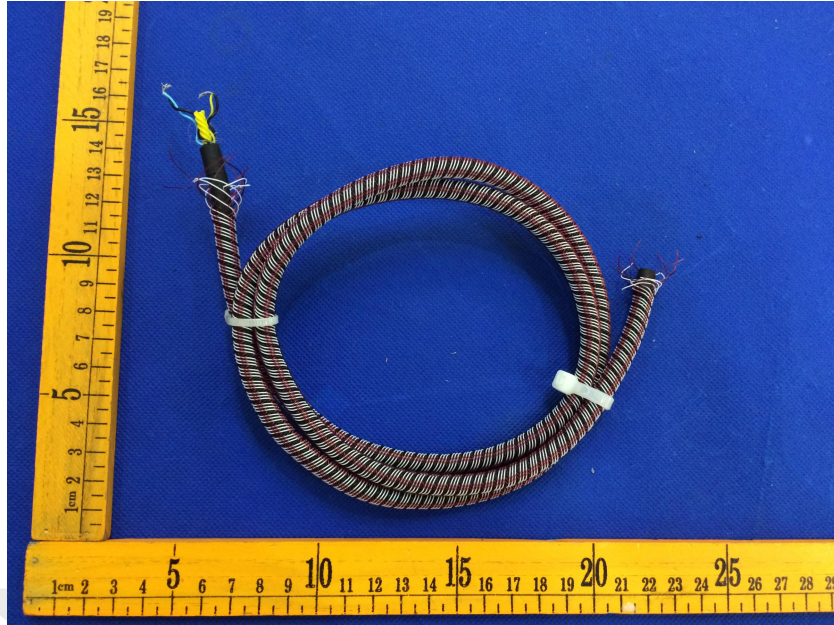


Photo 1

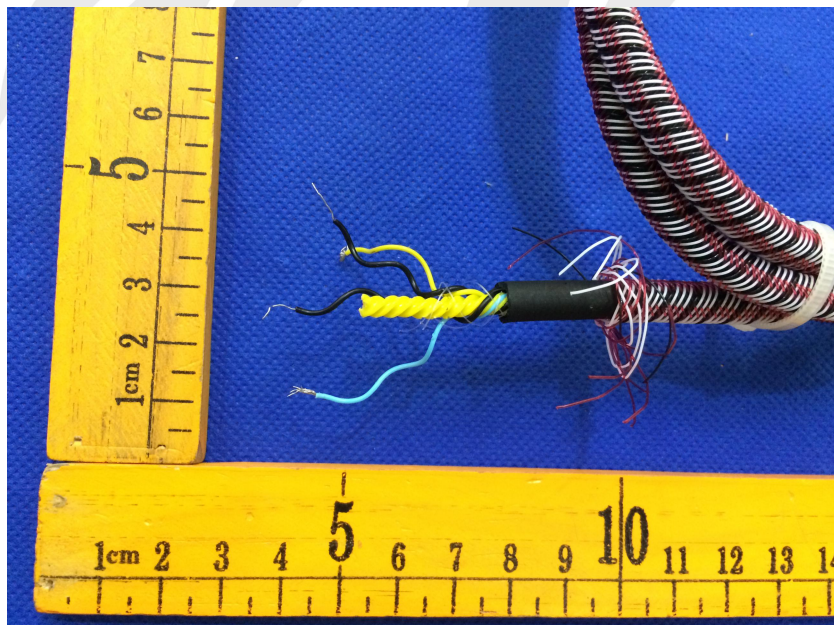


Photo 2

*** End of Report***

