

TWZ**Sample only****RoHS**

Test Report

No.:20090416

Date:2009/03/27

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Hangzhou Fulai Machinery Parts Co., Ltd.
Hangzhou Xiaoshan District Hom town Gongnong Villages No. 186

Test Part Description: EPDM

TWZ Ref No.: 20090416
Sample Receiving Date: 2009/03/26
Testing Period: 2009/03/26-2009/03/27

Test Requested: In accordance with the RoHS Directive 2002/95/EC, and its amendment
Test the Cadmium, Lead, Mercury, Hexavalent
PBBs(Polybrominated biphenyls) and PBBEs(PBDEs)
(Polybrominated biphenyl ethers) Content of the submitted samples

Test Method: In accordance with 2002/95/EC RoHS standards products
(1-1) Determination of Cadmium by ICP.
(1-2) Determination of Lead by ICP and AAs.
(1-3) Determination of Mercury by ICP.
(1-4) Determination of Hexavalent Chromium by spot test / Colorimetric Method.
(1-5) Determination of PBBs and PBDEs by GC/MS.
(2) In accordance with 2002/95/EC RoHS standards Used Gas Chromatography/ Mass spectrometry.
(3) In-house method and analysis was performed by Gas chromatography/Mass Spectrometry.

Test Results : Please refer to next pages

Conclusion (1) Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed: _____



Shenzhen Tongwuzhou Environmental Technology Co., Ltd

Tel:0755-88850200(Line 20)

Fax:0755-89919943

E-mail:rohs@rohs-twz.com

Web site:http://www.rohs-twz.com

Longgang District, Shenzhen City Center, Discovery Park, 1117 New Garden Room D-dong



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Test Results :

RoHS	No.1	MDL	Limit	Unit
Lead(Pb)	17.46	5	1000	Ppm
Cadmium(Cd)	16.54	5	100	Ppm
Mercury(Hg)	N.D	5	1000	Ppm
Chromium(Cr)	15.234	5	1000	Ppm
Sum of(PBBs)	N.D	5	1000	Ppm
Sum of(PBDEs)	N.D	5	1000	ppm

Note:

- (1)mg/kg=ppm
- (2)ND=Not Detected
- (3)MDL=Method Detection Limit
- (4)according to 2005/717/EC DecaBDE is exempt
- (5)Spot-test:
 - Negative=Absence of CrVI coating, Positive=Presence of CrVI coating
 - (The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)
 - Boiling-water-extraction:
 - Negative=Absence of CrVI coating
 - Positive=Presence of CrVI coating;the detected concentration in boiling-water-extraction solution is equal or greater than0.02m/kg with 50 cm2 sample surface area
- (6)#=Positive indicates the presence of Hexavalent Chromium on the tested areas. Negative indicates the absence of CrVI on the tested areas
- (7)"-"=Not Regulated
- (8)"--"=Not Conducted
- (9)The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (10)%=percentage by weight



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Sample photo:



Only pictures of the original report responsible for the sample

End of Report

Note:1.mg/kg=ppm 0.1 % = 1000ppm

2.MDL=Method Detection Limit

3.N.D.=Not detected(Less than MDL)



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