

全冠銅製電纜固定頭產品環保出廠證明 *RoHS Compliant Report for AVC Brass Glands*

茲 證明

本公司榮譽出品之銅製電纜固定頭(AVC Brass Cable Gland) 產品：
其成份保證安全與環保，並符合歐盟之RoHS規範，且經第三公證
SGS測試：PBBs, PBBEs, Cr+6, Cd, Hg, Pb 六項禁用物質通過。
特此保證 謝謝！

(1)備考銅本體原料SGS受測案號：CE/2006/B1379

(2)備考防水抗候橡膠原料SGS受測案號：CE/2006/26507A



全冠企業有限公司

Test Report

No : CE/2006/B1379 Date : 20061113 Page: 1 of 4

AVC INDUSTRIAL CORP.
122, WUKUNG RD., WUKU INDUSTRIAL PARK, TAIPEI
HSIEN, TAIWAN 248



Report on the submitted sample said to be AVC BRASS SUPER CABLE GLANDS WITH NICKEL COATING.

Style/Item No : ALL OF AVC BRASS CABLE GLAND
Buyer/Order No : ALL USER OF AVC BRASS CABLE GLAND
Sample Receiving Date : 2006/11/6
Testing Period : 2006/11/6 TO 2006/11/13

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Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method :
(1) With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.
(2) With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.
(3) With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.
(4) With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Hexavalent Chromium by Spot test / Colorimetric Method.

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

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

No : CE/2006/B1379 Date : 20061113 Page: 2 of 4

AVC INDUSTRIAL CORP.
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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result		MDL
		No.1	No.2	
Cadmium (Cd)	(1)	40.5	---	2
Lead (Pb)	(2)	31749.1	---	2
Mercury (Hg)	(3)	n.d.	---	2
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)	---	Negative	See Note 4

Test Part Description:

NO.1 : SILVER COLORED METAL
NO.2 : PLATING LAYER OF SILVER COLORED METAL

Note : 1. mg/kg = ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. 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 than 0.02 mg/kg with 50 cm² sample surface area.

5. "---" = Not Conducted

Test Report

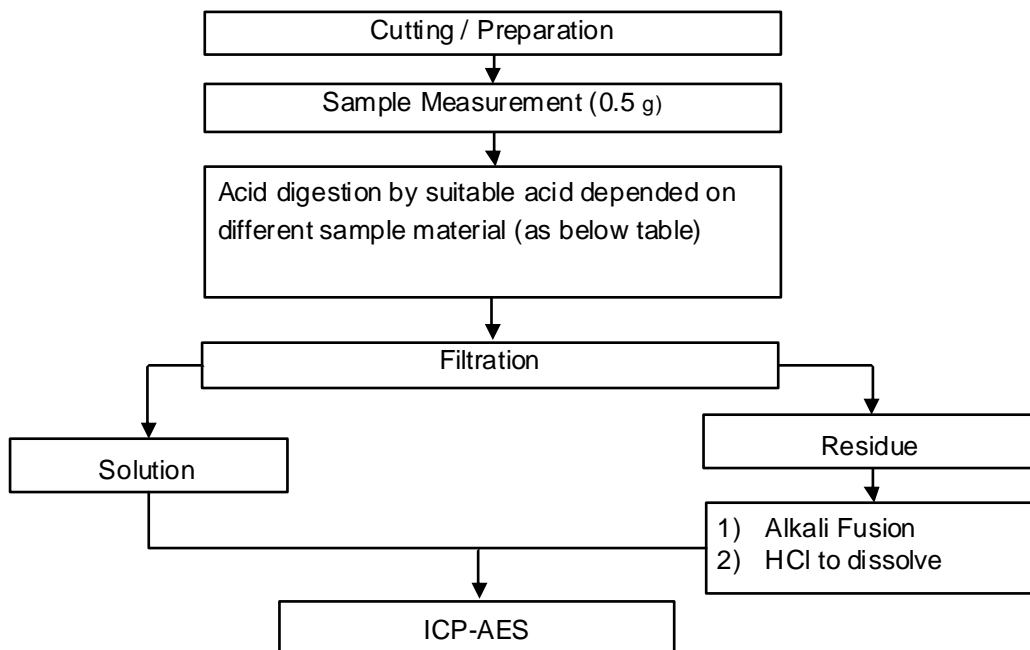
No : CE/2006/B1379 Date : 20061113 Page: 3 of 4

AVC INDUSTRIAL CORP.
122, WUKUNG RD., WUKU INDUSTRIAL PARK, TAIPEI
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
- 2) Name of the person who made measurement: Anren Lee
- 3) Name of the person in charge of measurement: Daniel Yeh

Method 1: Flow Chart of Digestion for Cd · Pb analysis



Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

Test Report

No : CE/2006/B1379 Date : 20061113 Page: 4 of 4

AVC INDUSTRIAL CORP.
122, WUKUNG RD., WUKU INDUSTRIAL PARK, TAIPEI
HSIEN, TAIWAN 248




** End of Report **

Test Report

CHANG HORING RUBBER CO., LTD.
NO. 38, LU-GONG SOUTH 3 RD., LU-KANG TOWN,
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Report No. : CE/2006/26507A
Date : 2006/03/06
Page : 1 of 4

The following merchandise was (were) submitted and identified by the client as :

Type of Product : EPDM COMPOUND RUBBER 
Style/Item No : EPDM
Sample Received : 2006/02/24
Testing Date : 2006/02/24 TO 2006/03/06

=====
Test Result : - Please see the next page -


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

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Report No. : CE/2006/26507A
Date : 2006/03/06
Page : 2 of 4

Test Result

PART NAME NO.1 : BLACK RUBBER

Test Item (s):	Unit	Method	MDL	Result
				No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.
Total of Mono to Nonabrominated biphenyl ether. (Note 4)	%	-	N.D.	

Test Report

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Report No. : CE/2006/26507A
 Date : 2006/03/06
 Page : 3 of 4

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

- NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by
 Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified
 under document 2005/717/EC.
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
 (6) " - " = Not Regulation

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Report No. : CE/2006/26507A
Date : 2006/03/06
Page : 4 of 4

