

# APPROVAL SHEET

Customer: \_\_\_\_\_

Customer P/N: \_\_\_\_\_

Connfly P/N: DS1024

Description: FEMALE HEADER PITCH 2.54mm R/ATYPE

File Number: CXAS-0908033

Customer Signature:

Quality Department	Engineer Department	Approved By
Date:	Date:	Date:

**CONNFLY**

Made By	Checked By	Approved By
YCH	~	LJC
Date: 09-07-28	Date:	Date: 09-07-28



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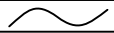
<http://www.connfly.com>

# Content

front face.....	1
content.....	2
materials information.....	3
customer drawing.....	4
product specification.....	5
test report.....	13
plating thickness test report.....	15
materials certification.....	16
MSDS report.....	18
SGS report.....	24
REACH report.....	33
packing specification.....	36

Materials Infomationg

Item	Part Name	Materials	Finished
1	CONTACT	BARSS	Full Gold flash or Seletive gold flash
2	Housing	PA-46	UL 94 V-0

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 09/25/05'		LJC 09/25/05'
B	长端子非针尾宽度0.6更改为0.8	LL 11/29/06'		

# NOTES:

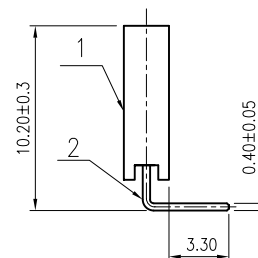
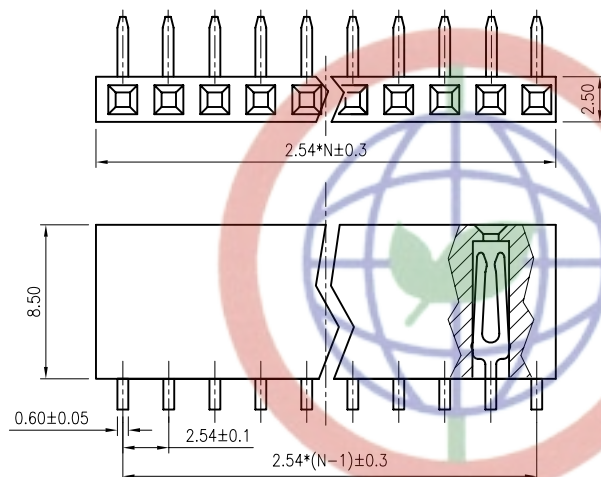
- ELECTRICAL CHARACTERISTICS:
  - CONTACT RESISTANCE: 30mΩ Max. INITIAL.
  - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
  - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
  - OPERATING TEMPERATURE: 0°C~+85°C.
  - STORAGE TEMPERATURE: -20°C~+70°C.
- PRODUCT NUMBER CODE:

DS1024- X X X

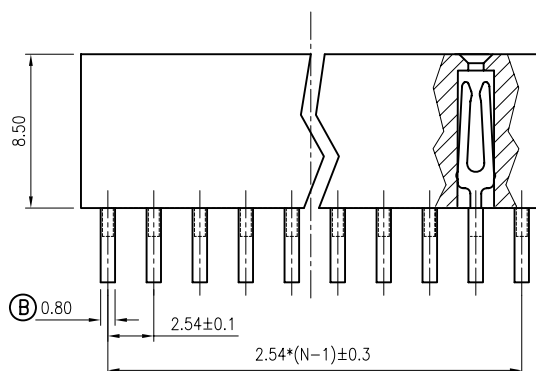
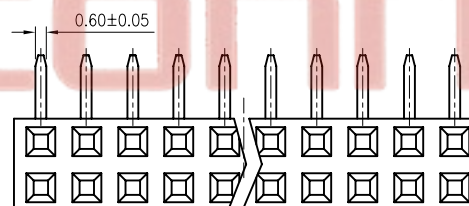
CONTACT PLATING  
F1: FULL GOLD FLASH  
0: SECLECTIVE GOLD FLASH

MOUNTIING TYPE  
R: R/A TYPE

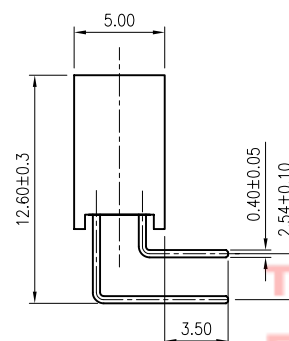
No.OF CONTACTS  
1\*1-1\*40  
2\*2-2\*40



SINGLE ROW  
N:NUMBER OF CONTACTS




DUAL ROWS  
N:NUMBER OF CONTACTS/2



Tel: 86-574-63508787

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GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE
X.	±0.60	X.	±5°	UNITS	mm	FEMALE HEADER PITCH 2.54MM R/A TYPE
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES DS1024 SERIES
.XX	±0.25	.XX	±2°			

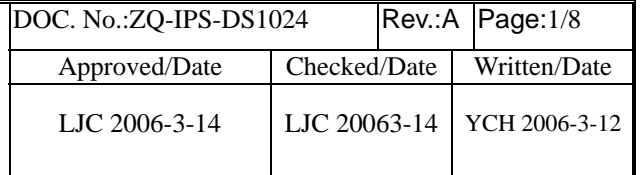



晨翔电子有限公司

CONNFLY CONNFLY ELECTRONIC CO. LTD

2	CONTACT		COPPER ALLOY	GOLD PLATED
1	HOUSING		THERMOPLASTIC	UL 94 V-0
ITEM	PART NAME	PART NO.	MATERILAS	FINISHED

DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 1 OF 1
DRAWING NO.	C-DS1024-XXXX

[illegible]

	Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:2/8
		Approved/Date		Checked/Date	Written/Date
		LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12

1.0 Scope : This specification covers the requirements for product performance and test methods of CONNFLY's 2.54mm Female Header Series Connectors of the part numbers specified as bellow. Product shall be of the design, construction and physical dimensions specified in the applicable product drawing.

2.0 Rating :

2.1 Voltage Rating : 30V AC/DC (rms)

2.2 Temperature Range: storage : -20°C to +70°C .  
operating : 0°C to +85°C .

3.0 Test Condition:

All tests shall be performed as bellow conditions unless otherwise specified.

3.1 Temperature range : +23°C to +28°C


3.2 Humidity range: 25% to 85%


3.3 Atmospheric Pressure : 86KPa to 106KPa

4.0 Test Methods and Requirements:


4.1 Examination of product:


Item	Test Description	Test Methods	Requirement
4.1.1	Examination of product (Outward Appearance Structure)	EIA 364-18 Shall be confirmed with eyes in accordance with each drawing. Shall be confirmed by using proper measuring instruments.	1).Outward appearance shall be good without such injurious problem 2).Structure shall be meet the design and dimensional requirements of drawing.


		Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:3/8
			Approved/Date		Checked/Date	Written/Date
			LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12
4.2 Electrical Performance:						
Item	Test Description	Test Methods		Requirement		
4.2.1	<b>Low Level Contact Resistance</b>	<b>EIA 364-23</b> (or MIL-STD-1344A, Method 3002.1, Test Condition B) Subject mated contacts assembled in housing to 20mV maximum open circuit at 100 mA maximum  The object of this test is to detail a standard method to measure the electrical resistance across a pair of mated contacts such that the insulating films, if present will not be broken or asperity melting will not occur.		1).Initial: <b>30 mΩ Max.</b> 2).After test: <b>30 mΩ Max.</b>		
4.2.2	<b>Insulation Resistance</b>	<b>EIA 364-21</b> (or MIL-STD-202F, Method 302, Test Condition B)  Test between adjacent contacts of mated and unmated connector assemblies.  The object of this test procedure is to detail a standard method to assess the insulation resistance of 2.54mm Female Header. This test procedure is used to determine the resistance offered by insulation connector to a DC potential current through or on the surface of the members.		1).Initial: <b>1000 MΩ Min.</b> 2).After test: <b>1000 MΩ Min.</b>		

		Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:4/8
			Approved/Date		Checked/Date	Written/Date
			LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12
4.2 Electrical Performance: (Continued)						
Item	Test Description	Test Methods		Requirement		
4.2.3	<b>Dielectric Withstanding Voltage</b>	<b>EIA 364-20</b> (or MIL-STD-202F, Method 301, Test Condition B)  Test between adjacent contacts of mated and unmated connector assemblies.  The object of this test procedure is to detail a test method to prove that a 2.54mm Female Header can operate safely at its rated voltage and withstand momentary over potentials due to switching, surges and/or other similar phenomena.		<b>1). 500 V AC</b> for one minute at sea level  2).No flashover or insulation breakdown		
4.2.4	<b>Contact Current Rating</b>	<b>EIA 364-70 Method B</b>  When measured at an ambient temperature of 25°C . With Power applied to the contacts, the ΔT shall not exceed 60°C (at any point in the 2.54mm Female Header under test)  The object of this test procedure is to detail a standard method to assess the current carrying capacity of mated 2.54mm Female Header contacts.		<b>1). 1A at 50°C</b>		



		Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:5/8
			Approved/Date		Checked/Date	Written/Date
			LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12
4.3 Mechanical Performance:						
Item	Test Description	Test Methods		Requirement		
4.3.1	<b>Durability</b>	<b>EIA 364-09</b> Mate and unmate Connector assemblies for <b>500 cycles</b> at maximum rated of 200 cycles per hour. The object of this test procedure is to detail a uniform test method for determining the effects caused by subjecting a 2.54 Female Header to the conditioning action of inserting and extraction, simulating the expected life of the connectors. Durability cycling with a gauge is intended only to produce mechanical stress. Durability performed with mating components is intended to produce both mechanical and wear stress.		1).Shall meet visual requirement and electrical performances.		
4.3.2	<b>Connector Mating Force</b>	<b>EIA 364-13</b> Shall be measured with Tension gauge or Tension tester. Measure force necessary to mate assemblies at maximum rate of 12.5mm (or 0.492”) per minute. The object of this test is to detail a standard method for determining the mechanical forces required for inserting a 2.54mm Female Header.		1). 1 Kgf*pos. Max.		

		Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:6/8
			Approved/Date		Checked/Date	Written/Date
			LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12
4.3 Mechanical Performance: (Continued)						
Item	Test Description	Test Methods			Requirement	
4.3.3	<b>Connector Unmating Force</b>	<b>EIA 364-13</b>  Shall be measured with Tension gauge or Tension tester.  Measure force necessary to mate assemblies at maximum rate of 12.5mm (or 0.492”) per minute.  The object of this test is to detail a standard method for determining the mechanical forces required for extracting a 2.54mm Female Header.			<b>1).30gf *pos. min.</b>	
4.3.4	<b>Contact Retention Force</b>	<b>EIA 364-35</b>  Shall be measured with Tension gauge or Tension tester in same direction.  Measure force necessary to mate assemblies at maximum rate of 12.5mm (or 0.492”) per minute.			<b>1). 1 Kgf /pin Min.</b>	

		Female Haeder connector Product Specification	DOC. No.:ZQ-IPS-DS1024		Rev.:A	Page:7/8
			Approved/Date		Checked/Date	Written/Date
			LJC 2006-3-14		LJC 20063-14	YCH 2006-3-12
4.4 Environmental Performance:						
Item	Test Description	Test Methods		Requirement		
4.4.1	<b>Salt Spray</b>	<b>MIL-STD-202F, Method 101D, Test Condition B</b> Subject to <b>4 hours</b> (Tin plated) at 35°C with 5% Salt-solution concentration.		1).Shall meet visual requirement, show no physical damage.		
4.4.2	<b>Solderability</b>	<b>EIA 364-52</b> After <b>half hour</b> steam aging. The object of test procedure is to detail a uniform test methods for determining 2.54 Female Header solderability. The test procedure contained here utilizes the solder dip technique. It is not intended to test or evaluate solder cup, solder eyelet, other hand-soldered type or SMT type terminations.		1).The surface of the portion to be soldered shall at least <b>90%</b> covered with new solder coating.		



- a. Samples shall be prepared in accordance with applicable manufacturer's instructions and shall be selected at random from current production.
- b. The numbers in the table indicate sequence in which tests are performed.
- c. Precondition samples with **5** cycles durability.
- d. All the tests shall be performed in the sequence, indicated by the number in the columns.
- e. Each test group shall consist of minimum of eight connectors. A minimum of 30 contacts shall be selected and identified. Unless otherwise specified, these contacts shall be used for all measurements.
- f. this specification application to all series of 2.54 Female Header .



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CONNFLY ELECTRONIC CO., LTD

## Products Test Report

Products No.:	DS1024
Description:	FEMALE HEADER PITCH 2.54mm R/A TYPE
Test Date:	2009-9-5
Revision:	A

### A: Electrical characteristic:

Item	Test Description	Test Methods	Specification	Result
1	Contact Resistance	EIA-364-18	30m $\Omega$ max.	14.5-16.6
2	Dielectric Withstanding Voltage	EIA-364-20	500VAC 1minute	pass
3	Insulation Resistance	EIA-364-21	1000M $\Omega$ min.	pass

### B: Mechanical characteristic:

4	Mating force(initial)	EIA-364-13	1.0*pos. Kgf Max.	
5	Unating force(initial)	EIA-364-13	30*pos. gf Min.	
6	Durability	EIA-364-09	500 cycles	
6.1	Contact Resistance(after)	EIA-364-18	30m $\Omega$ max.	14.8-16.5
6.2	Dielectric Withstanding Voltage(after)	EIA-364-20	500VAC 1minute	pass
6.3	Insulation Resistance(after)	EIA-364-21	1000M $\Omega$ min.	pass
6.4	Mating force(after)	EIA-364-13	1.0*pos. Kgf Max.	
6.5	Unating force(after)	EIA-364-13	30*pos. gf Min.	

### C: Environment characteristic:

7	Solderability	EIA-364-52	95% min.	98%
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### D: Test environment:

a. Temperature: 23°C to 28°C
b. Humidity: 25% to 85%
c. Atmospheric Pressure : 86kPa to 106 kPa

Approved by: 卢金春

Checked by: 邵冬琴

Test by: 王美情



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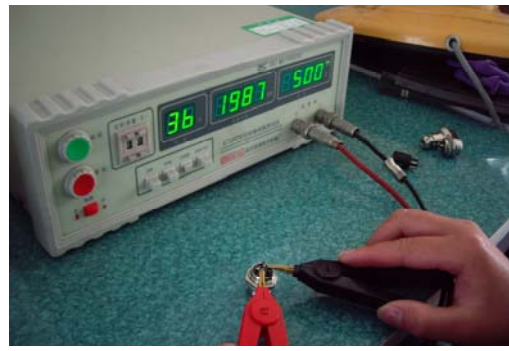
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## Test Equipment





Contact Resistance Tester



Insulation Resistance Tester



D.W.V Tester



Automatic pull & push Tester



Solderability Tester

Approved by: 卢金春

Checked by: 邵冬琴

Test by: 王美情

# 渊博(立兴)电镀有限公司

MUT FISCHER GmbH + Co

Industriestrasse 21  
71069 Sindelfingen



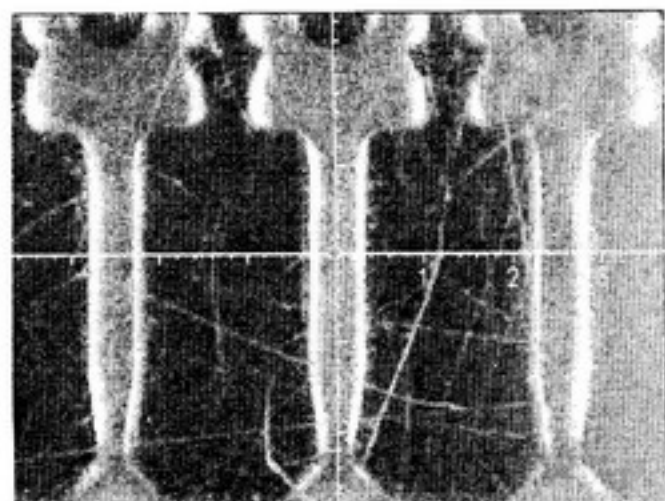
Fischerscope? XRAY XULM

Product: 3 / Au/Ni/CuZn

Dir : Fischer

Block: 4

Application: 3 / Au/Ni/CuZn



调校标准:

n = 1	Au = 1.53 $\mu$ "	Ni = 85.0 $\mu$ "
n = 2	Au = 1.40 $\mu$ "	Ni = 85.1 $\mu$ "
n = 3	Au = 1.30 $\mu$ "	Ni = 83.7 $\mu$ "
n = 4	Au = 1.46 $\mu$ "	Ni = 86.0 $\mu$ "

Mean	1.422 $\mu$ "	84.96 $\mu$ "
Standard deviation	0.097 $\mu$ "	0.938 $\mu$ "
C.O.V.	6.82 %	1.10 %
Range	0.227 $\mu$ "	2.28 $\mu$ "
Number of readings	4	4
Min. reading	1.30 $\mu$ "	83.7 $\mu$ "
Max. reading	1.53 $\mu$ "	86.0 $\mu$ "
Measuring time	15 sec	

Operator:

Date: 2009-9-1 Time: 15:45:06



ポリアミド (PA)

〔社 名〕 商品名、ポリマー種、グレード		グ レード 区 分		ファイラー 含有量 %	比 重	吸水率 24h %	成形収縮率 %		引張 強さ MPa	引張 伸び %	曲げ 強さ MPa	曲げ 弾性率 GPa	アイゾット 衝撃値 J/m	ロックウェル 硬さ R, Mスケール	荷重たわみ温度 °C		線膨張率 10 <sup>-3</sup> /K	絶縁破壊 強さ MV/m	アーク 抵抗 s	CTI UL指標値	誘電率	MFR g/10min	燃焼性 クラス/mm	
		特徴、ファイラー種、等					流れ方向	直角方向							0.46 MPa	1.82 MPa								
"リルサン" (PA12)	BESN BK F15XN	ブロー用、非強化、超軟質	-	0.99	1.5				23.5	>300	6.9	0.1	NB	D48			26.0						自消性	
	BZM 30 O	射出用、GF強化、標準	30	1.26	1.3				93.2	6	143.2	3.1	127	R116	161	150	3.0	28.0					除燃性	
	BZM 23 G9	射出用、GF強化、良撹動性	23	1.22	1.0				88.3	6	137.3	2.8	104	R112	165	133	2.5	22.0					除燃性	
	BZM 43 G9	射出用、GF強化、良撹動性、高剛性	43	1.42	0.9				133.4	4	176.5	4.0	127	R111	188	180	1.3	22.0					除燃性	
	AMN O	射出用、非強化、標準	-	1.02	1.5				47.1	250	72.6	1.1	49	R105	150	55	12.0	30.0			3		自消性	
	AMN O P20	射出用、非強化、準軟質	-	1.03	1.0				45.1	270	35.3	0.7	147	R78	150	55		30.0					除燃性	
	AMN O P40	射出用、非強化、軟質	-	1.03	0.9				44.1	300	34.3	0.4	>294	R80	145	44	12.0	28.0			8		除燃性	
"ベバックス" (PAエラストマー)	AESN O TL	押出用、非強化、硬質	-	1.02	1.8				47.1	250	68.6	1.1	59	R105	150	55	18.0	30.0					除燃性	
	AESN O P40 TL	押出用、非強化、軟質	-	1.03	0.9				44.1	300	34.3	0.4	>294	R60	145	44	18.0	28.0					除燃性	
	AESN BK 60I TL	押出用、非強化、超軟質、ノンブリード	-	0.985	0.5				35.0	320	11.0	0.2	NB		90	42	17.0						除燃性	
	AECN O TL	電線被覆用、非強化、標準	-	1.02	1.5				47.1	250	68.6	1.1	49	R105	150	55	18.0	30.0					除燃性	
	7033 SNOO	耐候性、ショアーD=70	-	1.01	1.2				50.0	380	19.8	0.46	NB		98		20.0					4 e2		
	6333 SAOO	標準、ショアーD=63	-	1.01	1.2	0.81	0.89		51.0	380	15.0	0.3	NB	A99	90		23.0					8 e2		
	6333 SNOO	耐候性、ショアーD=63	-	1.01	1.2	0.81	0.89		51.0	380	15.0	0.3	NB	A99	90		23.0					8 e2		
	5533 SAOO	標準、ショアーD=55	-	1.01	1.2	0.43	0.74		44.1	450	9.0	0.2	NB	A97	66		23.0					8 e2		
	5533 SNOO	耐候性、ショアーD=55	-	1.01	1.2	0.43	0.74		44.1	450	9.0	0.2	NB	A97	66		23.0					8 e2		
	4033 SAOO	標準、ショアーD=40	-	1.01	1.2	0.08	0.83		36.3	480	4.3	0.1	NB	A90	52		22.0					7 e2		
	4033 SNOO	耐候性、ショアーD=40	-	1.01	1.2	0.08	0.83		36.3	480	4.3	0.1	NB	A90	52		22.0					7 e2		
	3533 SAOO	標準、ショアーD=35	-	1.01	1.2	0.02	0.35		34.3	710	1.5	0.0	NB	A83	46		22.0					7 e2		
	3533 SNOO	耐候性、ショアーD=35	-	1.01	1.2	0.02	0.35		34.3	710	1.5	0.0	NB	A83	46		22.0					7 e2		
	2533 SAOO	標準、ショアーD=25	-	1.01	1.2	0.02	0.32		29.4	720	1.2	0.0	NB	A75	42		21.0					6 e2		
	2533 SNOO	耐候性、ショアーD=25	-	1.01	1.2	0.02	0.32		29.4	720	1.2	0.0	NB	A75	42		21.0					6 e2		
〔DSMJSRエンブラ株〕 DSM JSR Engineering Plastics																								
"スタニル" (PA46) <div>荷重耐力</div>	TS300	一般グレード	-	1.18	1.8	2.0			130	30	150	3.2	98	R122	285	160	8.5	24	121					V-2/0.80
	TW300	耐熱グレード	-	1.18	1.8	2.0			100	30	150	3.2	98	R122	285	160	8.5						V-2/0.78	
	TS200F6	GF強化、一般グレード	30	1.41	1.2	0.2			200	3	280	9.0	110	R120	285	285	3	24	100					HB/0.78
	TQ200F6	GF強化、耐油グレード	30	1.41	1.2	0.2			200	3	280	9.0	110	R120	285	285	3	25						
	TW200F6	GF強化、耐熱グレード	30	1.41	1.2	0.2			200	3	280	9.0	110	R120	285	285	3	27					HB/0.78	
	TS350	一般、難燃グレード	-	1.39	1.2	1.9			92	10	150	3.7	50	R121	275	166	8.5	24	85					V-0/0.80
	TE350	耐熱、難燃グレード	-	1.39	1.2	1.9			92	10	150	3.7	50	R121	275	160	8.5	24					V-0/1.59	
	TS250F4	GF強化、難燃、一般グレード	20	1.58	0.9	0.3			167	3	225	8.0	69	R121	285	285	3.7	25	85					V-0/0.80
	*TS250F6	GF強化、難燃、一般グレード	30	1.68	0.8	0.2			185	2	255	10.8	78	R121	285	285	3.0	25					V-0/0.80	
	TE250F6	GF強化、難燃、耐熱グレード	30	1.68	0.8	0.2			185	2	255	10.8	78	R121	285	285	3.0	25					V-0/0.80	
	TW250F6	GF強化、難燃、耐熱グレード、UL94 5VA/2.0	30	1.68	0.8	0.2			185	2	255	10.8	78	R121	285	285	3.0						V-0/0.80	
	TS256F6	低吸水性、低プリスター、GF強化	30	1.58	0.4	0.18	0.95		165	2	215	11	78	121	285	285							1/32 V-0	
	TS256F8	低吸水性、低プリスター、GF強化	40	1.65	0.3	0.14	0.90		175	2	235	13	78	121	285	285							1/32 V-0	
	TS250FK33	GF/MD強化、難燃、SMT向グレード	30	1.71	0.8	0.5			95	3	132	5.4	50	R115	285	274								
	TS200K8	M強化、低そりグレード	40	1.51	1.1	1.6			110	4	186	6.4	50	R120	285	246							HB/0.80	
	TS200M8	M強化、低そりグレード	40	1.53	1.7	2.3			110	2	185	11.3	37	R116	285	273								
	TS200W4	M強化、メッキグレード	20	1.33	1.8	1.9			107	10	154	4.0	56	R120	285	220								
	TS200B3	CF強化グレード	15	1.23	2.0	0.1			200	3	280	10.0	44	R121	285	285								
	TS200B6	CF強化グレード	30	1.35	1.4	0.02			254	3	338	17.5	60	R121	285	285								
	TS241B3	CF強化、撹動グレード	15	1.20	2.0	0.1			190	2	260	10.0	60	R117	285	285								
〔バイエル〕 Bayer <div>秤身</div>	TS272B3	CF強化、高撹動グレード	15	1.29	1.5	0.05			170	2	240	9.5	60	R113	285	285								
	TS271A2	超高撹動グレード		1.28	1.2	2.0			97	12	127	3.5	88	R118	285	270								
	TS271P4	M強化、高剛性撹動グレード		1.46	1.4	0.9			120	4	185	6.7	50	R116	285	270								
	TS271F6	GF強化、高剛性撹動グレード		1.48	1.2	0.2			190	3	267	8.9	98	R118	285	285							HB/0.8	
	(試験法: ISO)			1183	飽和 DIN53495				527	527	178	DIN53457	(kJ/m <sup>2</sup> )											
	B30S	射出成形用、標準グレード、高流動性、良離型性	-	1.14	10	1.2	1.35		80	35	115	2.7	10			75	DIN53752	IEC243-1						V-2/1.47
	B31SK	高流動性、高靱性		1.14	10	1.2	1.35		80	35	115	2.7	10	</										



# INSPECTION CERTIFICATE

Customer: 統翔

Specification: C2680R-EH

Our Order No:

Your P/O No:

Your Part No:

Lot No.	Standard Dimension	Property Test								Weight (Kg)
		Yield strength (kgf/mm <sup>2</sup> ) 47 REF	Tensile strength (kgf/mm <sup>2</sup> ) 53.0 ~ 60.0	Young's modulus (kgf/mm <sup>2</sup> ) 10500 REF	Elongation (%) ≥ 7	Hardness (Hv) 160 ~ 180	Conductivity (%IACS) 29.00	Bend Test (180°) Good	Grain Size (mm) ≤ 0.015	
Z35H290181	0.400*400	52.3	55.4	7735	9	175 ~ 177			0.010	

Standard Lot No.	Composition (wt%)						Surface Roughness Ra (μm)	Dimension	
	Cu	Sn	S	Zn	Pb			Thickness (mm)	Width (mm)
	64.000~68.000	~	~	REM	≤ 0.0500	≤ 0.1500		0.390 ~ 0.410	399.80 ~ 400.20
Z35H290181	66.800	0.0065	0.0025	Remainder	0.0108	0.0078	0.111	0.3900	400.010

Remark: 1. Mechanical properties shall be determined in accordance with ASTM E8 · ISO 6892 .  
2. Conductivity shall be determined in accordance with ISO 1337 .



# SAFETY DATA SHEET

Page 1 of 4

Revision:1

Date: Nov.3, 2008

**Nylon 46**

NB2008101508



**Xn : Harmful**

## 1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Commercial Product Name : Nylon 46, PA-46  
Company : Cixi Zonghan Guozhong Plastic Factory  
Bailiangqiao village, Zonghan Street, Cixi City, Zhejiang Province  
Product code : PA-46  
Emergency telephone number : +86-574-63506868

## 2. HAZARDS IDENTIFICATION

Most important hazards : The product is not classified as dangerous in accordance with Directive 1999/45/EC.  
Environmental properties : Not hazardous.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Value(s)	CAS No.	EC No.	Symbol(s)	R-Phrase(s)
Nylon 46	: 39.25%	50327-22-5	N/A	N/A	N/A
Polyethylene terephthalate	: 5.76%	25038-59-9	N/A	N/A	N/A
Brominated polystyrene	: 19.23%	88497-56-7	N/A	N/A	N/A
Diantimony trioxide	: 5.76%	1309-64-4	215-175-0	Xn	R40
Glass, oxide, chemicals	: 30%	65997-17-3	266-046-0	N/A	N/A

Full text of R-phrases : See section 16.

## 4. FIRST AID MEASURES

Inhalation : Move to fresh air.  
Oxygen or artificial respiration if needed.  
Call a physician immediately.

Skin contact : Wash off with soap and water.  
Call a physician if needed.

Eye contact : Rinse immediately with plenty of water,  
Call a physician if needed.

Ingestion : Consult a doctor if irritation occurs/persists.

Additional advice : Show this safety data sheet to the doctor in attendance.  
Treat symptomatically.

# SAFETY DATA SHEET

Page 2 of 4

Revision:1

Date: Nov.3, 2008

**Nylon 46**

NB2008101508



## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray, foam, CO2, dry extinguishing media.
- Extinguishing media which must not be used for safety reason : None.
- Specific hazards : Carbon dioxide, carbon monoxide, hydrogen cyanide.  
The substances/groups of substances mentioned can be released in case of fire.
- Special protective equipment for firefighters : Wear personal protective equipment.  
Wear self contained breathing apparatus for fire fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Product is safe. However, the fume (or volatile) that may be released during processing might influence eyes and sometimes give unpleasant odor (if processing is inaccurately high).
- Environmental precautions : Do not flush into surface water.
- Methods for cleaning up : Can be recovered by hand without danger.

## 7. HANDLING AND STORAGE

- Storage : Store in a well ventilated place at room temperature. Container must be closed to prevent moisture. Do not store near heat or flames. Avoid direct sunlight.
- Handling : Spilled pellets may cause severe slipping conditions. Avoid dust formation and accumulation. Work only in a well ventilated place. Protection against fire and explosion: Take precautionary measures against static discharges.
- Packaging material : Keep in properly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protective equipment
- Respiratory protection : Use approved respirator if unable to control airborne dust, fumes and vapors.
- Hand protection : Cold pellets: not necessary, Hot-isolated gloves
- Eye protection : Cold pellets: not necessary, Hot-face shield.
- Hygiene measures : When using the material, do not eat, drink or smoke.  
Wash hands prior to breaks or at work's end, clean face as well.
- Environmental exposure controls : No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

# SAFETY DATA SHEET

Page 3 of 4

Revision:1

Date: Nov.3, 2008

**Nylon 46**

NB2008101508



Appearance	:	Solid.
Colour	:	Black.
Odour	:	Odourless.
pH	:	Not applicable.
Boiling point/range	:	No data available.
Melting point/range	:	No data available.
Flash point	:	No data available.
Evaporation rate	:	No data available.
Vapour density	:	No data available.
Solubility in other solvents	:	No data available.
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Vapour pressure	:	No data available.
Relative density	:	No data available.
Water solubility	:	Insoluble.
Viscosity	:	No data available.
Partition coefficient (n-octanol/water)	:	No data available.

## 10. STABILITY AND REACTIVITY

Stability	:	Stable at normal conditions.
Hazardous decomposition products	:	Carbon dioxide, carbon monoxide, hydrogen cyanide.
Materials to avoid	:	Strong oxidising agents.
Conditions to avoid	:	Heat, flames and sparks.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	:	Diantimony trioxide (CAS No. 1309-64-4) Oral rat LD50: > 20 g/kg;
Inhalation	:	Dust may cause respiratory irritation.
Skin contact	:	Repeated contact with dust may cause skin irritation.
Eye contact	:	Dust or solids may cause eye irritation due to mechanical action.
Ingestion	:	No data available.
Chronic toxicity	:	Antimony Trioxide is according to directive 67/548/EEC 15 adapt., classified as Xn carcinogen Class 3.

## 12. ECOLOGICAL INFORMATION

# SAFETY DATA SHEET

Page 4 of 4

Revision:1

Date: Nov.3, 2008

**Nylon 46**

NB2008101508



Bioaccumulation	:	No data available.
Ecotoxicity effects	:	Diantimony trioxide (CAS No. 1309-64-4) The LC50/96-hour values for fish are over 100 mg/l.
Mobility	:	Insoluble.
Persistence and degradability	:	Polypropylene is regarded as biologically inert.

## 13. DISPOSAL CONSIDERATIONS

Waste from residues	:	Dispose of in accordance with local regulations.
---------------------	---	--------------------------------------------------

## 14. TRANSPORT INFORMATION

ADR/RID	:	Not classified as dangerous for conveyance in the meaning of the Carriage of Dangerous Goods by Road and Rail.
IMDG	:	Not classified as dangerous in the meaning of transport regulations.
ICAO/IATA	:	Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

Labelling	:	The product is not classified as dangerous in accordance with Directive 1999/45/EC.
Symbol(s)	:	Xn : Harmful.
R-phrases(s)	:	R40: Limited evidence of a carcinogenic effect. S2: Keep out of the reach of children.
S-phrases(s)	:	S22: Do not breathe dust. S36/37: Wear suitable protective clothing and gloves.

## 16. OTHER INFORMATION

Text of R phrases mentioned in Section2 : R40: Limited evidence of a carcinogenic effect.

Sources of key data used to compile the datasheet : European Chemicals Bureau

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 1967/548/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document



## 制品安全资料表(MSDS)

公司名称: 宁波兴业电子铜带有限公司

地址: 浙江慈溪市经济开发区杭州湾新区金溪路

服务部门: 质量技术服务部 负责人: 丁昂炜

电话: 0574-63073293 传真: 0574-63073218

1、制品名: 普通黄铜

2、物质特性

单一物质/混合物区别: 混合物

化学名: 铜锌合金

牌号: H65

成分及含量:

合金成分	含有量 (%)
铜 (Cu)	63.5~68.
锌 (Zn)	余量

牌号: H70

成分及含量:

合金成分	含有量 (%)
铜 (Cu)	68.5~71.5
锌 (Zn)	余量

3、危险有害性种类

种类名称: 急性毒性

危险性: 无

有害性: 铜、锌吸入会导致呼吸有刺激、灼热症状

4、急救措施

进入眼睛时	进入眼睛不要用手擦, 不要闭着眼睛, 用清水清洗, 最少15分钟, 如有其它异状时, 请马上去看医生。
接触皮肤时	碰到皮肤要用石灰水清洗, 用清水清洗时间长一点, 加热变成粉末碰到皮肤, 有轻微的灼伤感, 用大量的水清洗, 冷却被灼伤的部分。
吸入鼻子时	切割时的粉尘或粉末吸入, 要保持空气新鲜, 流通, 恒温, 安静, 有必要时找医生诊断。
嘴巴食入时	用清水漱口, 清洗干净, 可能会有呕吐的感觉, 严重的情



况, 马上去看医生。

5、火灾时的措施

消火方法: 不燃性物质, 不适用。

消火剂: 不燃性物质, 不适用。

6、泄漏时措施 燃性物质, 不适用。

7、取放及保管上注意:

- 取放:
- 1、较重物, 落下时要注意。
  - 2、取放时要轻拿轻放, 不要随便乱放。
  - 3、有弹性, 易切伤皮肤, 特别是要保护好眼睛。
  - 4、切断面较锋利, 尽量不要直接用手拿, 带手套。

8、暴露防止措施

管理浓度: 作为混合物的规定没有。

但是长期暴露, 有可能会有隐患。

设备对策: 通常情况下不需要, 当有粉末产生场合, 一定要有排气装置。

劳保用品:

呼吸用保护具: 尘埃、细小粉末存在的场合, 要有防护口罩。

保护手袋: 因为有可能损伤双手, 所以要带手袋或手套。

保护衣: 按操作流程, 有需要的情况下要穿保护衣、安全鞋。





## Test Report

No. SHAEC1000386518

Date: 22 Jan 2010

Page 1 of 5

NINGBO CONNFLY ELECTRONIC CO.,LTD

EAST INDUSTRY ZONE KUANGYAN TOWN CIXI NINGBO,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PA-46 PLASTIC

SGS Job No. : SP10-001324 - SH  
Model No. : PA-46 PLASTIC  
Date of Sample Received : 18 Jan 2010  
Testing Period : 18 Jan 2010 - 22 Jan 2010  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.

*Sandy Hao*

Hao Jinyu, Sandy  
Lab Manager

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SHCHEM 3083530

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## Test Report

No. SHAEC1000386518

Date: 22 Jan 2010

Page 2 of 5

### Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA10-003865.018	Black plastic pellet

### Remarks :

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

### RoHS Directive 2002/95/EC

#### Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs / PBDEs content by GC-MS.

Test Item(s)	Limit	Unit	MDL	018
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	22
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND

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SHCHEM 3083529



## Test Report

No. SHAEC1000386518

Date: 22 Jan 2010

Page 3 of 5

Test Item(s)	Limit	Unit	MDL	018
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND

### Notes :

- (1) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

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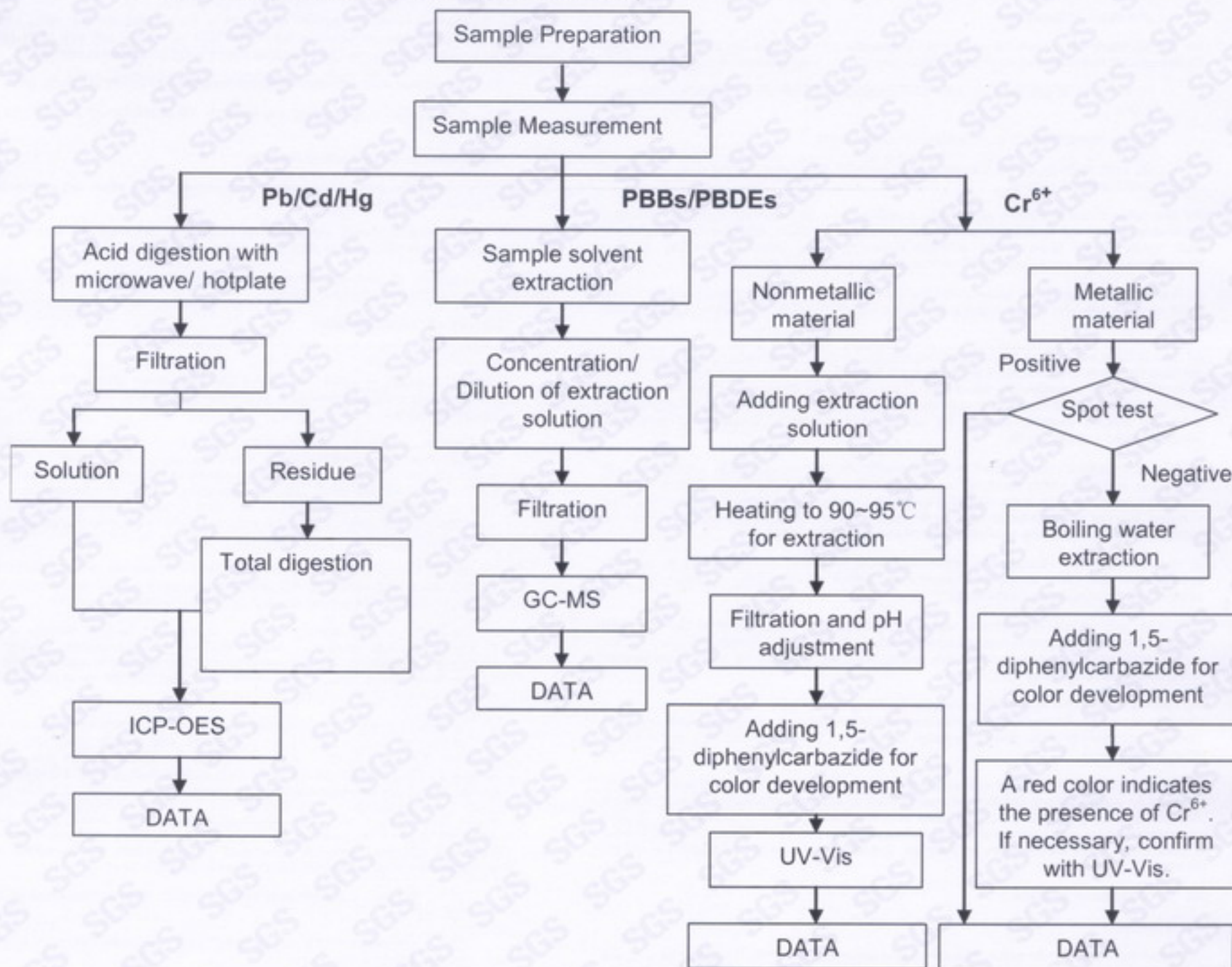
**SHCHEM 3083528**

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### ATTACHMENTS

- 1) Name of the person who made measurement: Jeff Zhang/Even Xu/Frank Fang/Elm Lin
- 2) Name of the person in charge of measurement: Terry Wang/Phoebe Shen
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart.  
(Cr<sup>6+</sup> and PBBs/PBDEs test method excluded)



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## Test Report

No. SHAEC1000386518

Date: 22 Jan 2010

Page 5 of 5

Sample photo:



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**SHCHEM 3083526**

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## Test Report

No. SHAEC1000386503

Date: 22 Jan 2010

Page 1 of 4

NINGBO CONNFLY ELECTRONIC CO.,LTD

EAST INDUSTRY ZONE KUANGYAN TOWN CIXI NINGBO,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : 0.4T BRASS

SGS Job No. : SP10-001324 - SH

Model No. : 0.4T BRASS

Date of Sample Received : 18 Jan 2010

Testing Period : 18 Jan 2010 - 22 Jan 2010

Test Requested : Selected test(s) as requested by client.

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

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

Signed for and on behalf of  
SGS-CSTC Ltd.

*Sandy Hao*

Hao Jinyu, Sandy  
Lab Manager

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## Test Report

No. SHAEC1000386503

Date: 22 Jan 2010

Page 2 of 4

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA10-003865.003	Yellow metal tape

Remarks :

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

### RoHS Directive 2002/95/EC

Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

Test Item(s)	Limit	Unit	MDL	003
Cadmium (Cd)	100	mg/kg	2	2
Lead (Pb)	1,000	mg/kg	2	115
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	-	-	◇	Negative

Notes :

- (1) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (2) ◇ 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 is Negative or 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 cm<sup>2</sup> sample surface area.  
For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

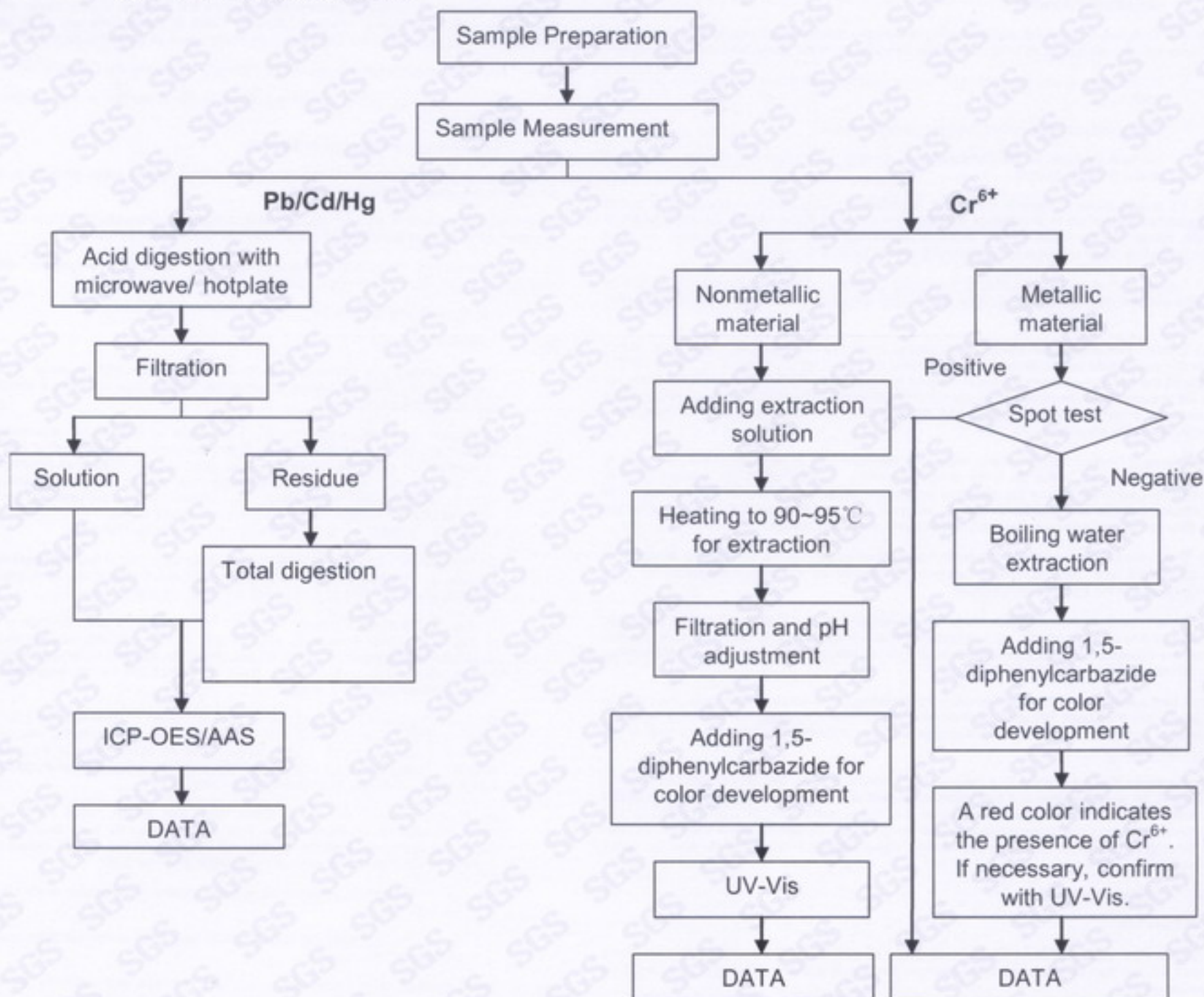
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SHCHEM 3081318



### ATTACHMENTS

- 1) Name of the person who made measurement: Jeff Zhang/Even Xu/Frank Fang/Elm Lin
- 2) Name of the person in charge of measurement: Terry Wang/Phoebe Shen
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart.  
(Cr<sup>6+</sup> test method excluded)



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SGS-CTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center

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**SHCHEM 3081319**

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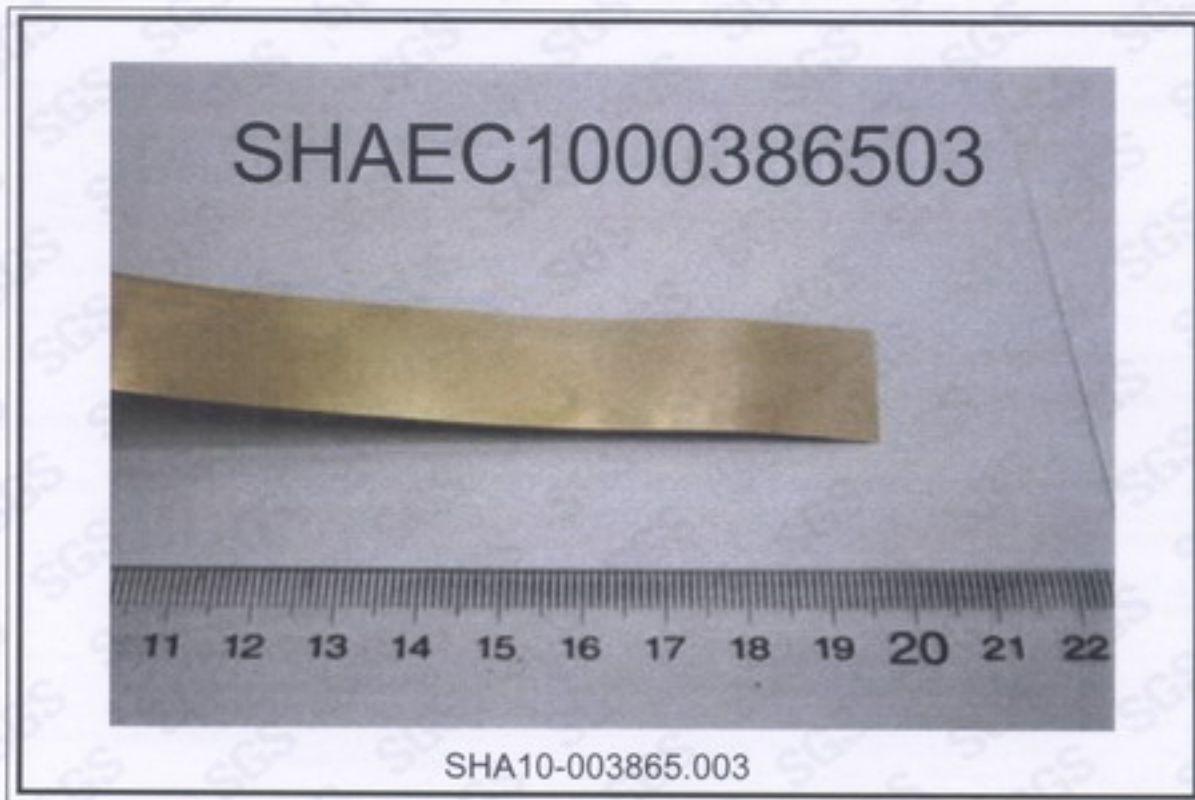
## Test Report

No. SHAEC1000386503

Date: 22 Jan 2010

Page 4 of 4

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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**SHCHEM 3081320**

Member of the SGS Group (SGS SA)



Product Technology Service

Report No.: NB2009031931



## Test Report

Testing institute : Product Technology Service (Ningbo) Co., Ltd.  
6&7F, 59#, Huayu Road,  
Yinzhou District, Ningbo 315192 P.R.China

Applicant : Ningbo Connfly Electronic Co., Ltd  
No.88 Dingtai Road, Xiaolin Town, Cixi, Ningbo

Test item(s) : Plastic

Model/Type : PA-46


Sample Description : Black

Material : /

Sample receive date : Mar.20,2009  
Completes date : Mar.25,2009

Testing location : Product Technology Service (Ningbo) Co., Ltd.

Test specification(s) : Fifteen (15) Substances of Very High Concern (SVHC)  
Based on the list published by European Chemicals Agency (ECHA) Member  
State Committee (MSC) on 2008 Oct 28, regarding Regulation (EC) No  
1907/2006 concerning the REACH.

  
Authorized signature : Waterson Liu  
Ningbo, Mar.25,2009

The test results exclusively refer to the samples examined. This report shall not be reproduced except in full without written approval and does not authorize the use of Product Technology Service (Ningbo) Co., Ltd. label

Product Technology Service (Ningbo) Co., Ltd.

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E-mail: [info@pts-lab.com](mailto:info@pts-lab.com)

宁波中普检测技术服务有限公司

浙江省宁波市  
鄞州中心区华裕路  
59号6&7楼  
<http://www.pts-lab.com>

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传真: 86-574-83036508  
邮编: 315192  
邮箱: [info@pts-lab.com](mailto:info@pts-lab.com)



Test specification : Fifteen (15) Substances of Very High Concern (SVHC)  
 Test method : Refer to test item(s) list below  
 Requirement : Less than 1000 mg/kg (0.1%) for single test item

Tested sample: Plastic				
Parameter	Unit	Test Method	Result	MDL
Anthracene (CAS No.: 120-12-7)	mg/kg	With reference to ZEK 01.1-08, GC-MS	ND	1
4,4'-Diaminodiphenylmethane (CAS No.: 101-77-9)	mg/kg	With reference to EN 14362-1: 2003 / EN 14362-2: 2003 / ISO / TS 17234: 2003 (without cleavage), GC/MS or LC/MS	ND	30
Dibutyl phthalate (DBP) (CAS No.: 84-74-2)	mg/kg	With reference to EN 14372: 2004, GC-MS	ND	30
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) (CAS No.: 81-15-2)	mg/kg	With reference to EPA 3550C: 2007, GC-MS	ND	10
Bis(2-ethylhexyl) phthalate (DEHP) (CAS No.: 117-81-7)	mg/kg	With reference to EN 14372: 2004, GC-MS	ND	30
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ - HBCDD, $\gamma$ - HBCDD, $\gamma$ - HBCDD) CAS No.: 25637-99-4, 3194-55-6 (CAS No.: 134237-51-7, 134237-50- 6, 134237-52-8)	mg/kg	With reference to EPA 3540C: 1996, GC-MS	ND	10
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	mg/kg	With reference to EPA 3540C: 1996, GC-MS	ND	100
Benzyl butyl phthalate (BBP) (CAS No.: 85-68-7)	mg/kg	With reference to EN 14372:2004, GC-MS	ND	30
Bis(tributyltin)oxide * (CAS No.: 56-35-9)	mg/kg	With reference to BS ISO 17353: 2004, GC-MS	ND	30
Cobalt dichloride * (CAS No.: 7646-79-9)	mg/kg	With reference to EPA 3052: 1996 and EN 14582: 2007, ICP-AES and IC	ND	100
Diarsenic pentaoxide * (CAS No.: 1303-28-2)	mg/kg	With reference to EPA 3052: 1996, ICP-OES	ND	15
Diarsenic trioxide * (CAS No.: 1327-53-3)	mg/kg	With reference to EPA 3052: 1996, ICP-OES	ND	15
Triethyl arsenate * (CAS No.: 15606-95-8)	mg/kg	With reference to EPA 3052: 1996, ICP-OES	ND	20
Lead hydrogen arsenate * (CAS No.: 7784-40-9)	mg/kg	With reference to EPA 3052: 1996, ICP-OES	ND	50
Sodium dichromate, dihydrate * (CAS No.: 7789-12-0, 10588-01-9)	mg/kg	With reference to EPA 3060A: 1996, UV-Vis	ND	30

Note : (1) 1mg/kg=1ppm=0.0001% (2) ND = Not detected, NA = Not applicable

(3) MDL = Method Detection Limit

(4) \*= calculated by the test result of Tributyl Tin or selected element (i.e. Arsenate, Lead, Cobalt or Cr (VI), respectively)

Sample photo(s), see annex 1

-----End-----



Product Technology Service

Report No.: NB2009031931

## ANNEX 1

Sample photos, consists of 1 page



Page 3 of 3



1:Plastic

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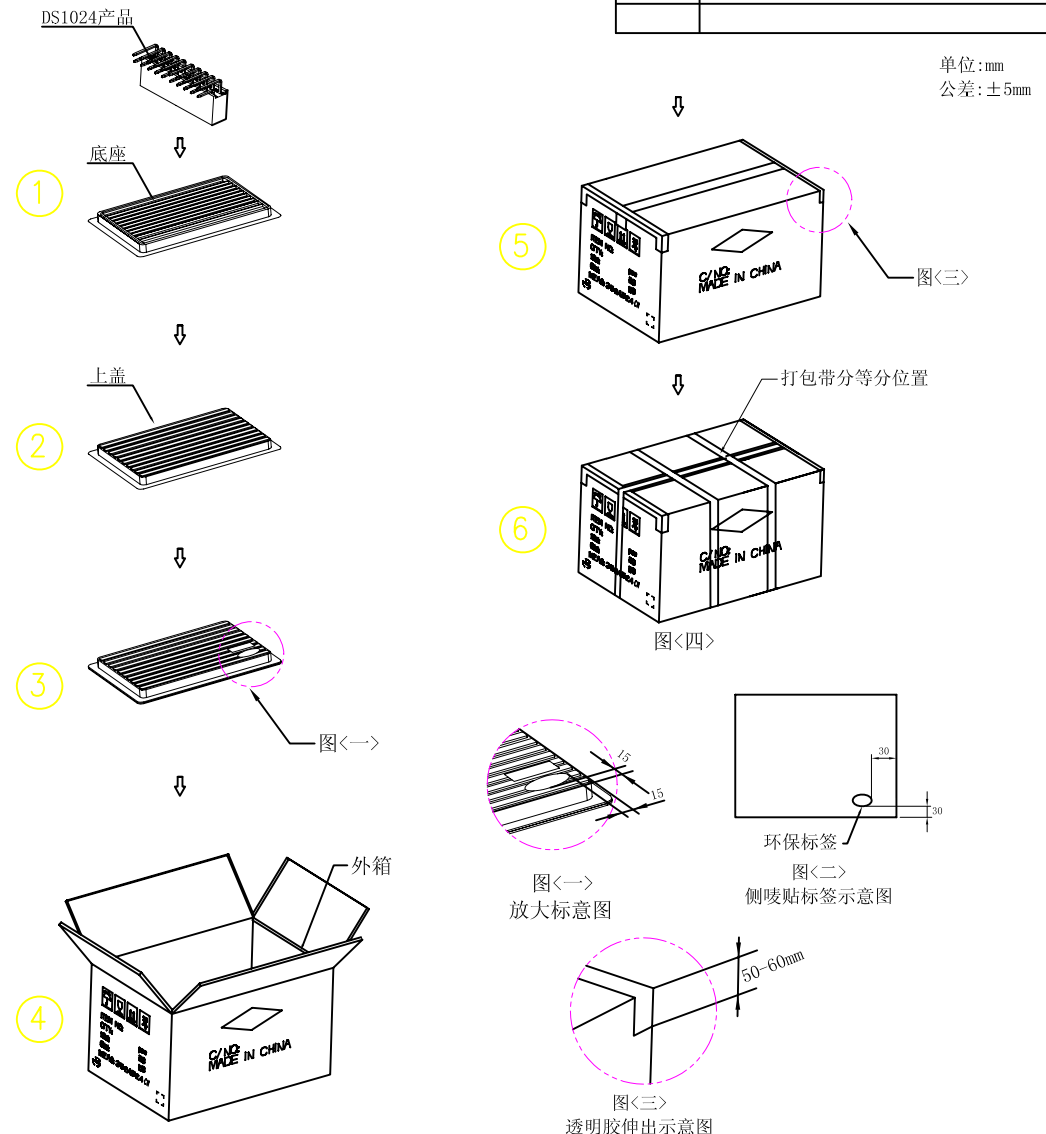
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## 产 品 包 装 作 业 规 范

文 件 编 号	版次	制作日期	适用产品系列	客户类别																																																																						
PS-DS1024-001	B	2008-05-30	DS1024(吸塑盒包装)	普通型																																																																						
<b>一. 作业流程图:</b> <pre>           按照BOM领取包材           ↓           将制作OK的成品放置包装专用区域           ↓           按照包装明细点数           ↓           将空纸箱先用透明胶封口一边           ↓           将包装好的产品按照统一方向放入纸箱内           ↓           确认数量无误后使用透明胶封口           ↓           根据要求,封好口后进行贴标签或唛头作业         </pre>		<b>二. 作业说明:</b> <ol style="list-style-type: none"> <li>根据物料清单备好所需包材.</li> <li>将已检验合格产品针尾朝上,并统一同方向装入吸塑盒内,注:单排针同时持两pcs产品同时装入吸塑内.</li> <li>确定吸塑盒同一摆放的方向及数量无误后,取一吸塑盒上盖将底座完全重合扣好,然后取一订书机分别在吸塑盒的四周各钉两枚钉书钉,其位置在等分,钉好后贴上环保标签和数量标签如图&lt;一&gt;所示.</li> <li>装箱之前在纸箱底部先放入干燥剂四袋,再把钉好的吸塑盒依次装入外箱内,注意吸塑盒标签需朝同一方向摆好,待外箱数量符合包装明细后再放入干燥剂四袋.</li> <li>确定包装数量无误后用透明胶以“工”字封好箱,外箱标签贴在右上角如图&lt;二&gt;所示.(如有其它标签则直接往环保标签上垒积贴示,靠右对齐,上下间隔5mm)胶带伸出长度为50~60mm如图&lt;三&gt;所示.</li> <li>出货时检查无误后必须用打包机打好打包带,打包带位置如图&lt;四&gt;所示.</li> <li>详细包装明细见第2/2页,栈板堆放示意图请见附页.</li> </ol>																																																																								
<b>三. 注意事项:</b> <ol style="list-style-type: none"> <li>每盒每箱内产品不可多装;少装;混装.</li> <li>在未装满之纸箱须使用泡棉或其它不影响品质之物品填充或做拼箱处理,且在纸箱唛头或标签上注明尾数.</li> <li>确认所使用包材无误.</li> <li>外箱包装上产品系列号文字及其它文字书写应规范统一,字体清楚工整.</li> <li>透明胶带粘贴应平整,均匀;纸箱盖子封上无重叠,歪斜现象.</li> <li>外箱抗破裂强度: 12Kgf以上,</li> </ol>		<b>四. 包材物料(BOM)表(外销):</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>序号</th><th>名称</th><th>数量</th><th>料 号</th><th>备 注</th></tr> </thead> <tbody> <tr> <td>1</td><td>外箱</td><td>1</td><td>PK-350245240-07</td><td>长35宽24.5高24cm</td></tr> <tr> <td>2</td><td>吸塑盒</td><td>34</td><td>TRD-DS1023-10PR</td><td>底座</td></tr> <tr> <td>3</td><td>吸塑盒</td><td>34</td><td>TRU-DS1023-10PR</td><td>上盖</td></tr> <tr> <td>4</td><td>环保标签</td><td>36</td><td>PK-014</td><td></td></tr> <tr> <td>5</td><td>数量标签</td><td>36</td><td>PK-015</td><td></td></tr> <tr> <td>6</td><td>干燥剂</td><td>8</td><td>PK-001</td><td></td></tr> <tr> <td>7</td><td>大透明胶</td><td>若干</td><td>PK-004</td><td>无晨翔或正青商标, 53mm</td></tr> <tr> <td>8</td><td>打包袋</td><td>若干</td><td>PK-007</td><td>无晨翔或正青商标</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			序号	名称	数量	料 号	备 注	1	外箱	1	PK-350245240-07	长35宽24.5高24cm	2	吸塑盒	34	TRD-DS1023-10PR	底座	3	吸塑盒	34	TRU-DS1023-10PR	上盖	4	环保标签	36	PK-014		5	数量标签	36	PK-015		6	干燥剂	8	PK-001		7	大透明胶	若干	PK-004	无晨翔或正青商标, 53mm	8	打包袋	若干	PK-007	无晨翔或正青商标																									
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8	打包袋	若干	PK-007	无晨翔或正青商标																																																																						

### 五. 作业示意图:



核准:

审核:

制作:

页码: 1 / 3



## 产品包装作业规范

文 件 编 号				版次		制作日期		适用产品系列					客户类别					
PS-DS1024-001				B		2008-05-30		DS1024 (吸塑盒包装)					普通型					
包 装 数 据 一 览 表																		
产品pin数		盒数	PCS/盒	PCS/外箱	净重 (KG)	毛重 (KG)	备 注			产品pin数		盒数	PCS/盒	PCS/外箱	净重 (KG)	毛重 (KG)	备 注	
DS1024-1*3S		36	1000	36000			1-5pin可以使用PE袋包装			DS1024-1*26S		36	120	4320				
DS1024-1*4S		36	760	27360						DS1024-1*27S		36	80	2880				
DS1024-1*5S		36	600	21600						DS1024-1*28S		36	80	2880				
DS1024-1*6S		36	480	17280						DS1024-1*29S		36	80	2880				
DS1024-1*7S		36	440	15840						DS1024-1*30S		36	80	2880				
DS1024-1*8S		36	360	12960						DS1024-1*31S		36	80	2880				
DS1024-1*9S		36	320	11520						DS1024-1*32S		36	80	2880				
DS1024-1*10S		36	280	10080						DS1024-1*33S		36	80	2880				
DS1024-1*11S		36	280	10080						DS1024-1*34S		36	80	2880				
DS1024-1*12S		36	240	8640						DS1024-1*35S		36	80	2880				
DS1024-1*13S		36	240	8640						DS1024-1*36S		36	80	2880				
DS1024-1*14S		36	200	7200						DS1024-1*37S		36	80	2880				
DS1024-1*15S		36	200	7200						DS1024-1*38S		36	80	2880				
DS1024-1*16S		36	200	7200						DS1024-1*39S		36	80	2880				
DS1024-1*17S		36	160	5760						DS1024-1*40S		36	80	2880				
DS1024-1*18S		36	160	5760														
DS1024-1*19S		36	160	5760														
DS1024-1*20S		36	160	5760														
DS1024-1*21S		36	120	4320														
DS1024-1*22S		36	120	4320														
DS1024-1*23S		36	120	4320														
DS1024-1*24S		36	120	4320														
DS1024-1*25S		36	120	4320														
									核准：									



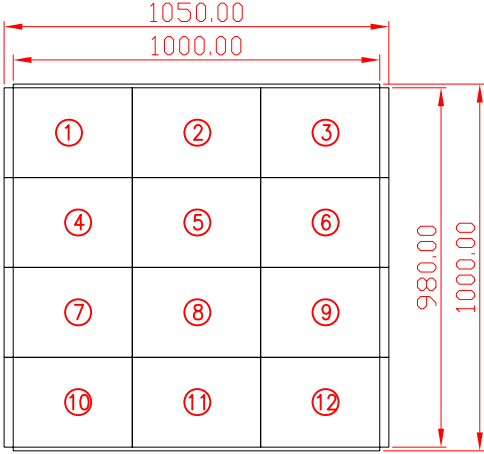
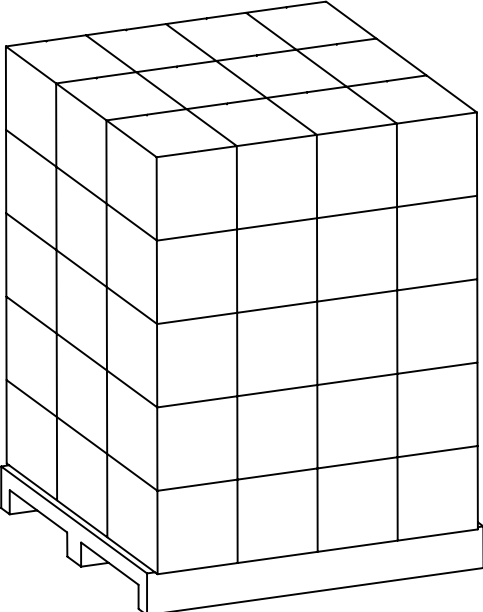
宁波晨翔电子有限公司

**CONNFLY** CONNFLY ELECTRONIC CO., LTD.

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PS-DS1024-001				B		2008-05-30		DS1024 (吸塑盒包装)					普通型				
包 装 数 据 一 览 表																	
产品pin数	盒数	PCS/盒	PCS/外箱	净重(KG)	毛重(KG)	备 注			产品pin数	盒数	PCS/盒	PCS/外箱	净重(KG)	毛重(KG)	备 注		
DS1024-2*2S	32	700	22400			1-5pin可以使用PE袋包装			DS1024-2*26S	32	60	1920					
DS1024-2*3S	32	480	15360						DS1024-2*27S	32	40	1280					
DS1024-2*4S	32	380	12160						DS1024-2*28S	32	40	1280					
DS1024-2*5S	32	300	9600						DS1024-2*29S	32	40	1280					
DS1024-2*6S	32	240	7680						DS1024-2*30S	32	40	1280					
DS1024-2*7S	32	220	7040						DS1024-2*31S	32	40	1280					
DS1024-2*8S	32	180	5760						DS1024-2*32S	32	40	1280					
DS1024-2*9S	32	160	5120						DS1024-2*33S	32	40	1280					
DS1024-2*10S	32	140	4480						DS1024-2*34S	32	40	1280					
DS1024-2*11S	32	140	4480						DS1024-2*35S	32	40	1280					
DS1024-2*12S	32	120	3840						DS1024-2*36S	32	40	1280					
DS1024-2*13S	32	120	3840						DS1024-2*37S	32	40	1280					
DS1024-2*14S	32	100	3200						DS1024-2*38S	32	40	1280					
DS1024-2*15S	32	100	3200						DS1024-2*39S	32	40	1280					
DS1024-2*16S	32	100	3200						DS1024-2*40S	32	40	1280					
DS1024-2*17S	32	80	2560														
DS1024-2*18S	32	80	2560														
DS1024-2*19S	32	80	2560														
DS1024-2*20S	32	80	2560														
DS1024-2*21S	32	60	1920														
DS1024-2*22S	32	60	1920														
DS1024-2*23S	32	60	1920														
DS1024-2*24S	32	60	1920														
DS1024-2*25S	32	60	1920														
									核准：								

产 品 包 装 作 业 规 范 - 附 页

文件编号	版次	制作日期	适用产品系列	客户类别
PS-DS1024-001	B	2008-05-30	DS1024 (栈板包装)	普通型
栈板摆放示意图				
一. 作业说明: <ol style="list-style-type: none"> <li>仓库接到业务指令需加栈板出货时, 先从仓库领取标准栈板1米*1米 (栈板材料为锯木, 在海关检验时不用熏蒸).</li> <li>栈板领取后按图&lt;一&gt;顺序进行摆放, 平放堆5层, 每层12箱.</li> <li>堆好后用保鲜膜进行缠封, 除栈板底部外, 其余5个面均需覆盖, 层数以稳固性为主.</li> </ol>		货物摆放三视图 <div> <div>单位: mm</div> <div>比例: 1:20</div> </div>		
二. 注意事项: <ol style="list-style-type: none"> <li>摆放前先检查栈板稳固性及其质量, 以保证足够承受能力.</li> <li>纸箱堆放不能超出栈板, 如有超出栈板必需保持栈板堆放产品的稳固性.</li> <li>保鲜膜缠绕不要太多太厚以免浪费成本及增加客户取货工时.</li> <li>堆放后尽量放置平坦及干燥地区, 以免产品质量受到影响.</li> <li>不同产品同时出同一家客户, 一种产品未摆满一栈板可以与其它产品拼满一栈板处理, 且在纸箱上注明唛头.</li> </ol>		<div>  <div>           图&lt;一&gt; 最低层堆放俯视图         </div> </div> <div>  <div>           图&lt;二&gt; 堆放三维图         </div> </div> <div>           适用纸箱规格: 35*24. 5*24cm         </div>		
核准:		审核:	制作:	PS-DS1024-001附页: 栈板摆放示意图