



承	認	書
CUSTOMER	APPROVAL	SHEET

客 戶
CUSTOMER

懷 瑾

品 名
DESCRIPTION

YP37+YC12

客 戶 料 號
CUSTOMER PART NO

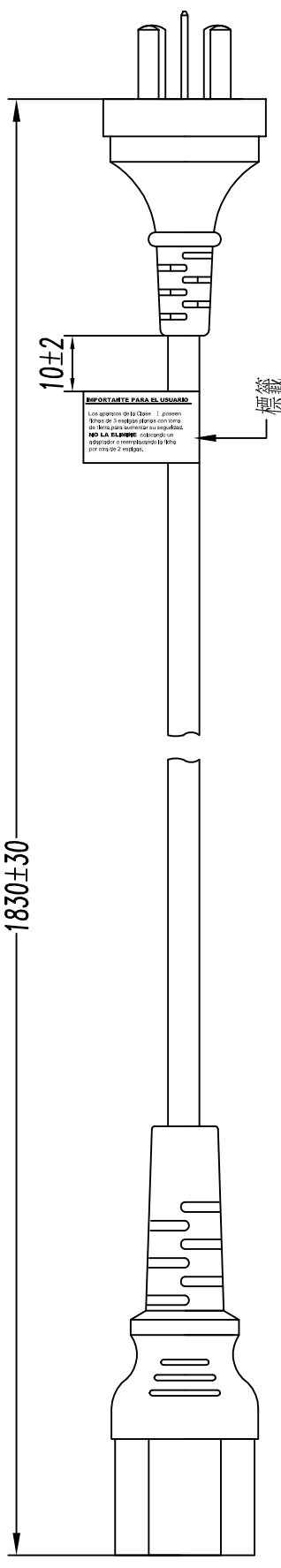
YP37+YC12

目錄



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5	依賴性測試報告	-----	-----	P5.6.7.8.9	
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模號	AC-YC12-01	模號	AC-YP37-01
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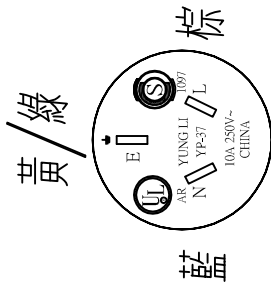
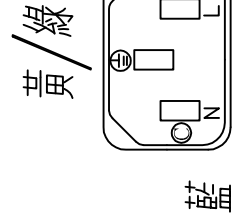
注意：尺寸如需修改，請通知工程部，請勿擅改圖面



CONNECTOR MARK:
YUNG LI
YC-12
10A 250V~

AR 1097



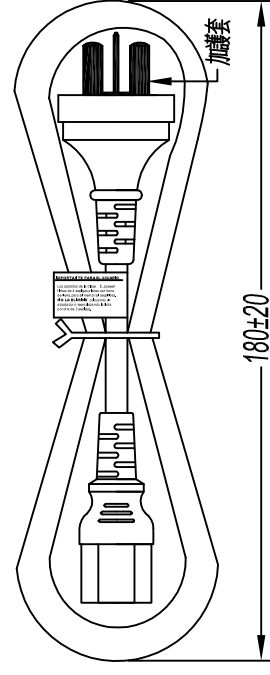
30±1

90±2

IMPORTANTE PARA EL USUARIO
Los aparatos de la Clase I, poseen fichas de 3 espigas planas con toma de tierra, para aumentar su seguridad, **NO LA ELIMINE** colocando un adaptador o reemplazando la ficha por otra de 2 espigas.

PARA SU SEGURIDAD, su instalación debe estar provista de conductor de tierra. De no ser así, realice la adecuación con personal especializado.

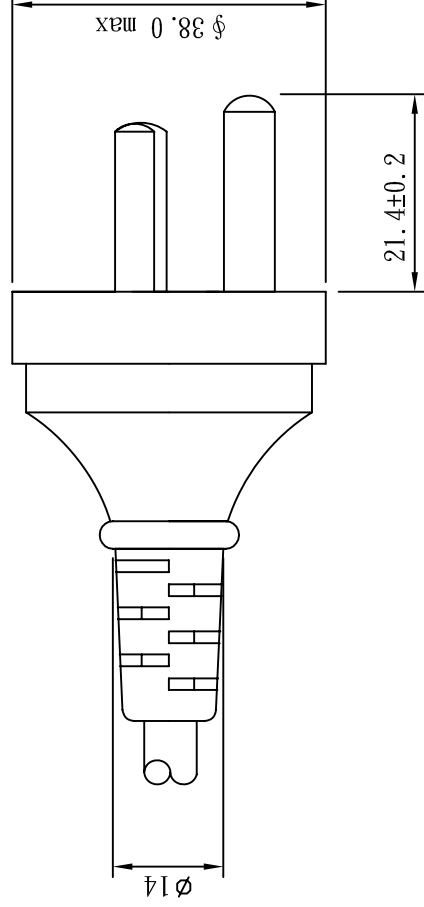
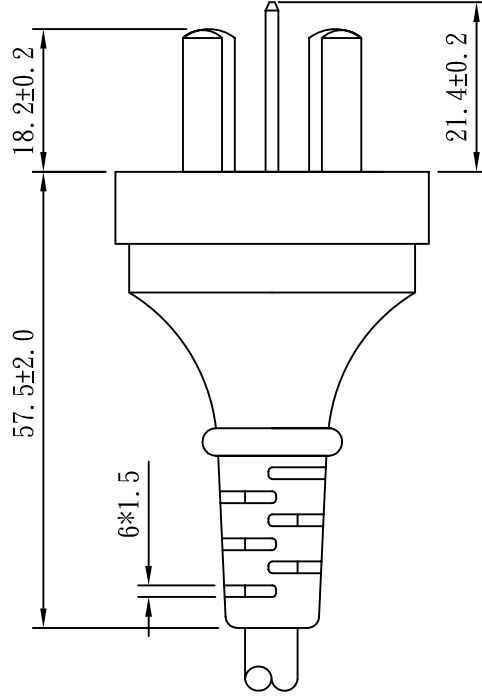
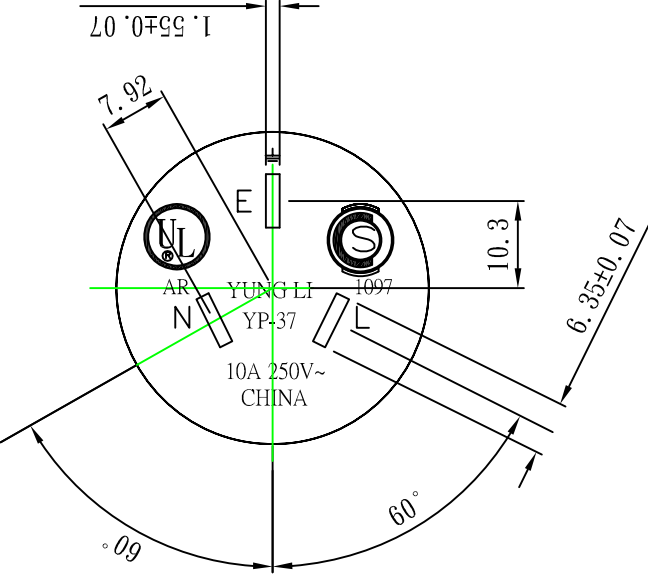
標籤內容(白底黑字)



客戶	懷瑾	工程檔號	SM-	線材	規格	全色系	客戶確認欄
品名	YP37+YC12	版次			H05VV-F 0.75mm ² *3G 凹字 環保材料	BLACK	
客戶料號		單位	mm	制作	日期	審核	認可
				蔣芳	2024/03/21	湯國峰	宋明鈺

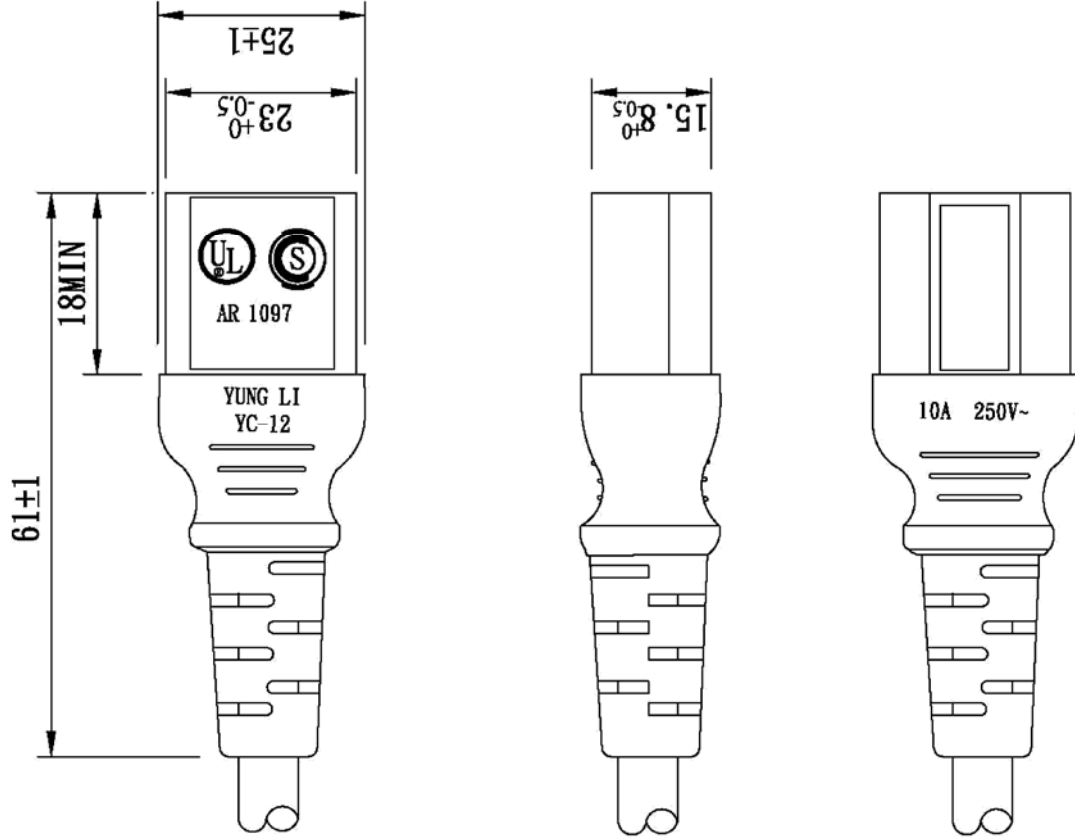
SM 蘇州互銘電子器材有限公司

插頭尺寸圖



校核	蘇州瓦銘電子器材有限公司 Suzhou Self-Men Electronics Industry Co.,Ltd.	單位	mm	比例	A
審核	圖名: YP-37	日期			
設計		簽名	XU	日期	13/09/16
製圖		單位			
一般公差	± 0.3	Angle	$\pm 1^\circ$		
>0.0	± 0.5				
>1.0	± 1.0				
>10.0	± 2.0				
>20.0					

插頭尺寸圖



一般公差	±0.3	核准		簽名	日期	單位	比例	圖次	A
>0.0	±0.5	審核		Lu	13/09/16	mm			
>1.0	±1.0	設計							
>10.0	±2.0	製圖							
>20.0	±1°								
Angle	±1°								
圖名: YC-12									
蘇州瓦銘電子器材有限公司 Suzhou Self-Man Electronics Industry Co., Ltd.									

SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
YP37+YC12	POWER SUPPLY CORD		1 of 5

1. SCOPE:

This specification applies to POWER SUPPLY CORDS which are in compliance With SARS -1:1997 Plugs and Socket-outlets for household and similar purposes-National modifications of imitational requirements Part 1: conventional systems. :

2. Standard of applicable	Type	Max.voltages	Max.current
2.1	plug	YP37	250V
2.2	connector	YC12	250V
2.3	cord	H05VV-F	3G 0.75mm ²

3. TEST CONDITION: This test and measurement, unless otherwise specified shall be carried out at a temperature of 15°C to 35°C, relative humidity of 25% to 85%, and atmospheric pressure of 86kpa to 106kpa.

However, when any doubt arises on the judgement value under it the test and measurement shall be carried out at a temperature of 20±2°C, relative humidity of 60% to 70%, and atmospheric pressure of 86kpa to 106kpa.

4. ELECTRICAL PERFORMANCE

NO.	Item	Test condition	Requirement
4-1	Dielectric Withstanding Voltage test	(a) In this air (20±5°C) AC2000V is applied between a conductor and other conductor for 1 second. (b) Immersed in water(20±5°C) AC1000V is applied between a conductor and other conductor for 1 minute	No breakage No breakage
4-2	Current and Polarity test		No problem with Conductor

SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
YP37+YC12	POWER SUPPLY CORD		2 of 5

4. ELECTRICAL PERFORMANCE

NO.	Item	Test condition	Requirement
4-3	Insulation resistance test	(a) In the air (20°C) (b) In the air (60°C)	5MΩ/km MIN
4-4	Conductor resistance test		25.0Ω/km MAX

5. MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
5-1	Tensile strength (initial sample)	insulation	15LBS/2min
5-2	Deformation test	Exposure to 120±3°C atmosphere for 0.5H Weight 510g	The thickness of sample shall not decrease more than 50%
5-3	Accelerated Aging test	Exposure to 75±2°C, atmosphere for 168 hours under natural ventilation.	No crack mucus mark wire exposure short and opposite polarity

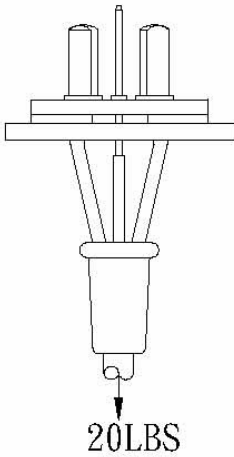
SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
YP37+YC12	POWER SUPPLY CORD		3 of 5

5. MECHANICAL PERFORMANCE(CORD)

NO.	Item	Test condition	Requirement
5-4	Input & output Force to connector	It is tested after taking the action of 10time Input & output.	Applied force is 1~6kg

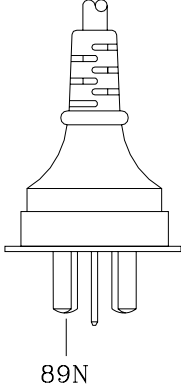
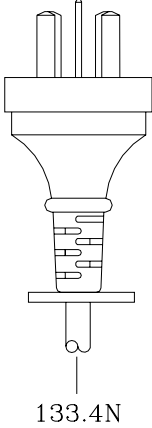
6. MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
6-1	Pulling out force of conductor	<p>The connector between blade terminal and conductor shall not break under a pull force of 20lbs for 1 minute</p> <div style="text-align: center;">  </div>	Blade can not fall down

SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
YP37+YC12	POWER SUPPLY CORD		4 of 5

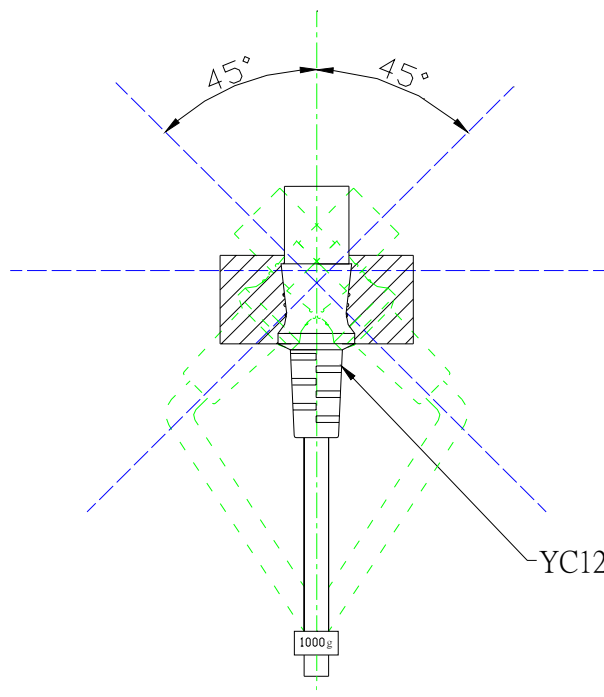
6. MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
6-2	Pulling out force of blades	<p>The attachment plug is supported on a horizontal steel plate with the blades down ward through a hole sufficiently large just to permit the blades to pass through it a weight than exert 89N force for two minutes is to be supported by each blade in succession.</p> <div style="text-align: center;">  <p>89N</p> </div>	<p>The residual displacement of either blade must not more than 2.4mm after 2 minutes of load.</p>
6-3	Pulling out force of cord	<p>The joint in flexible cord is to be securely support-rated by a rigid flat mounted horizontally,a pull of 133.4N weight for one minute to be flexible cord</p> <div style="text-align: center;">  <p>133.4N</p> </div>	<p>No looseness</p>

SPECIFICATION

TYPE	DESCRIPTION	PART NO.	PAGE
YP37+YC12	POWER SUPPLY CORD		5 of 5

6.MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
6-4	Bending force	<p>The power supply cord division is fixing and load of 1000g is added to a tip of a cable. It is made to do 10000times bending on right and left each 45° (bending speed 60 times/minute)</p> <div style="text-align: center;">  </div>	Breaking rate is under 30%

UL de Argentina S.R.L.

Av. Alicia Moreau de Justo 550 1er. Piso Of. 24 (C1107AAL)
 Ciudad Autónoma de Buenos Aires, Argentina

阿根廷

CERTIFICADO de UL DE ARGENTINA S.R.L.
UL DE ARGENTINA S.R.L. CERTIFICATE

Nº de Certificado
 Certificate No.

14AR72050.1

Alcance
 Scope

MARCA

Página
 Page: 1/2

Producto
 Product

Ficha Bipolar con toma de tierra/Non-rewirable, two-pole plug with earthing pin

Nombre y dirección del Solicitante
 Name and address of the Applicant

YUNG LI CO LTD
 1ST FL 10
 LANE 235 PAO-CHIAO RD
 HSIN-TIEN DISTRICT
 NEW TAIPEI, 23145 Taiwán

Nombre y dirección del Fabricante
 Name and address of the Manufacturer

YUNG LI CO LTD
 1ST FL 10
 LANE 235 PAO-CHIAO RD
 HSIN-TIEN DISTRICT
 NEW TAIPEI, 23145 Taiwán

Nombre y dirección de la(s) Fábrica(s)
 Name and address of the Factory(ies)

YUNG LI CO LTD
 DA PU INDUSTRIAL ZONE
 GANGZI CHANG PING TOWN
 DONGGUAN, 523571 GUANGDONG China

Valores nominales y características principales
 Rating and principal characteristics

250 Vac; 10 A

Marca
 Trademark

YUNG LI

Modelo / Referencia de tipo
 Model / Type Ref.

YP-37

Información adicional:
 Additional Information

Ver página 2/See Page 2

Se considera que la muestra del producto ensayada cumple con la(s) norma(s)
 The tested sample of the product is considered to be in conformity with the standard(s)

IRAM 2073:2009

según el informe de Ensayo Número
 according to the Test Report Number

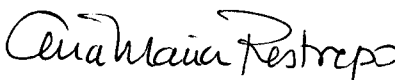
CBTC: DK-39119-UL; CBTR: U03005-14 issued on 2014-06-06

Este certificado permite colocar las marcas de UL de Argentina SRL y de seguridad de la ex Secretaría de Industria, Comercio y Minería sobre el producto. Cuando esto no fuere posible por las dimensiones del producto o porque por su reducido tamaño resultara ilegible, se podrá colocar sobre sus envases, etiquetas o envoltorios. Este certificado permite hacer uso de las marcas arriba mencionadas en material promocional o publicitario solamente en relación con los productos amparados por el presente certificado. Este certificado ha sido emitido por UL de Argentina dentro del alcance de la acreditación otorgada por el OAA como Organismo de Certificación de Productos OCP005. This certificate allows placing UL de Argentina SRL mark, and the safety mark of the former Secretary of Industry, Trade and Mining industry on the product. If not possible, due to the dimensions of the product or when its reduced size makes the reading illegible, the marks may be placed on its packaging, labels or wrapping. This certificate allows the use of the above mentioned marks in promotional or advertising material solely in connection with covered products by the certificate. This certificate has been issued by UL de Argentina under the scope of the accreditation granted by the OAA as a Product Certification Body OCP005.

Fecha de emisión / Date of issue: 2014-06-11

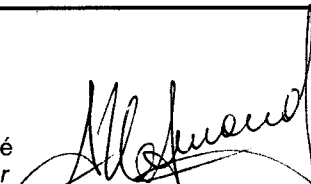
Firmas:
 Signatures

Ingeniero de proyecto
 Project engineer



Ana Maria Restrepo

Miembro del Comité
 Committee member



Ariel Amandi

UL de Argentina S.R.L.

Av. Alicia Moreau de Justo 550 1er. Piso Of. 24 (C1107AAL)
Ciudad Autónoma de Buenos Aires, Argentina

CERTIFICADO de UL DE ARGENTINA S.R.L. UL DE ARGENTINA S.R.L. CERTIFICATE

Nº de Certificado
Certificate No.

14AR72050.1

Alcance
Scope

MARCA

Página
Page: 2/2

Model Details:
YP-37

Información Adicional / Additional Information:

Ficha inyectada sobre cable H05VV-F 3G0.75, 1.0, 1.5 mm²; H03VV-F 3G0.75 mm²; H05RR-F 3G0.75, 1.0, 1.5 mm²;
H05RN-F 3G0.75, 1.0 mm²

Se acredita que el producto destinado a la comercialización en el mercado argentino es coincidente con el contenido en la certificación emitida en el exterior.

Fecha de emisión / Date of issue: 2014-06-11

Firmas: Ingeniero de proyecto
Signatures Project engineer


Ana Maria Restrepo

Miembro del Comité
Committee member


Ariel Amandi

UL de Argentina S.R.L.Reconquista 865 Piso 5° A (C1003ABQ), Capital Federal
Buenos Aires, Argentina**CERTIFICADO de UL DE ARGENTINA S.R.L.
UL DE ARGENTINA S.R.L. CERTIFICATE**Nº de Certificado
Certificate No.**03AR149A01**Alcance
Scope**Marca**Página
Page:**1**Producto
Product

Conector para cordón desmontable / Detachable cord connector

Nombre y dirección del Solicitante
Name and address of the ApplicantYung-Li Co., Ltd.
1F., No. 10, Lane 235, Pao-Chiao Rd., Hsin-Tien 231, Taipei, Taiwan, R.O.C.Nombre y dirección del Fabricante
Name and address of the ManufacturerYung-Li Co., Ltd.
1F., No. 10, Lane 235, Pao-Chiao Rd., Hsin-Tien 231, Taipei, TaiwanNombre y dirección de la(s) Fábrica(s)
Name and address of the Factory(ies)Yung Li Co Ltd
Da Pu Industrial Zone Chang Ping Town
Dong guan City, Guang dong, 523571 ChinaValores nominales y características principales
Rating and principal characteristics

250 V ac; 10 A

Marca
Trademark

Yung-Li

Modelo / Referencia de tipo
Model / Type Ref.

YC-12

Información adicional:
Additional Information

Standard Sheet C13

Se considera que la muestra del producto ensayada
cumple con la(s) norma(s)
The tested sample of the product is considered to be in
conformity with the standard(s)

IEC 60320-1 2da Edición (2001)

según el Informe de Ensayo Número
according to the Test Report Number

UL-01-04-1386

Este Certificado permite colocar las Marcas de UL de Argentina S.R.L. y de seguridad de la Secretaria de Industria, Comercio y Minería sobre el producto o su embalaje, y en publicidades o papelería del fabricante, importador o distribuidor.

This Certificate allows to place the UL de Argentina S.R.L. Secretaria de Industria, Comercio y Minería safety Marks on the product or its package, or any advertisement or stationery of the manufacturer, importer or distributor.

Fecha de emisión / Date of issue:

16/07/2004

Firmas:
Signatures:Ingeniero de proyecto
Project engineer
Eric MiedzowiczMiembro del Comité
Committee member
Gustavo Moyano

ZEICHENGENEHMIGUNG MARKS APPROVAL

Yung-Li Co. Ltd.
Da Pu Industrial Zone, Cang Zi
Chang Ping Town
523571 DONG GUAN CITY
Guangdong
CHINA

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- *Flexible cables with*
thermoplastic PVC insulation

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



oder/or

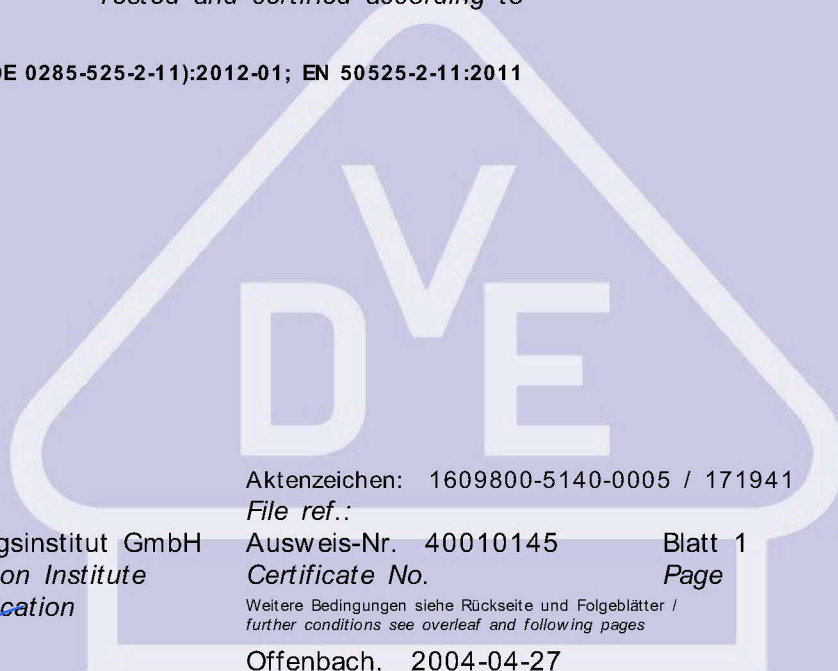


oder/or



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50525-2-11 (VDE 0285-525-2-11):2012-01; EN 50525-2-11:2011



VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / *Certification*

K. Prohaska

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
VDE certificates are valid only when published on:

Aktenzeichen: 1609800-5140-0005 / 171941
File ref.:

Ausweis-Nr. 40010145 Blatt 1
Certificate No. Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2004-04-27
(letzte Änderung/updated 2012-09-25)

<http://www.vde.com/zertifikat>
<http://www.vde.com/certificate>

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*
Yung-Li Co. Ltd., Da Pu Industrial Zone, Cang Zi, Chang Ping Town, 523571 DONG GUAN CITY,
Guangdong, CHINA

Aktenzeichen / *File ref.*
1609800-5140-0005 / 171941 / FG42 / HEG

letzte Änderung / *updated* Datum / *Date*
2012-09-25 2004-04-27

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40010145
This supplement is only valid in conjunction with page 1 of the Certificate No. 40010145.

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- Flexible cables with
thermoplastic PVC insulation

Typ(en) / *Type(s)*:

H03VV-F 2...4 x 0,5...0,75 mm ²	+
H03VVH2-F 2 x 0,5...0,75 mm ²	+
H05VV-F 2...5 x 0,75...4 mm ²	+
H05VVH2-F 2 x 0,75...1,0 mm ²	+

Leitungsbauart <i>Type of cable</i>	Standardleitungen <i>General purpose cables</i>
--	--

Firmenzeichen <i>Trademark</i>	YUNG LI
-----------------------------------	---------

Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2006/95/EG** mit ihren Änderungen.

This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the EC Low-Voltage Directive 2006/95/EC including amendments.

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet FG42
Section FG42

測試報告

Test Report

號碼(No.): ETR24102548

日期(Date): 17-Jan-2024

頁數(Page): 1 of 15

互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by the applicant as) :

送樣廠商(Sample Submitted By) : 互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

樣品名稱(Sample Name) : AC POWER CORD

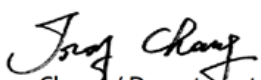
樣品型號(Style/Item No.) : 請參考第2頁 (PLEASE REFER TO PAGE 2)

收件日(Sample Receiving Date) : 10-Jan-2024

測試期間(Testing Period) : 10-Jan-2024 to 17-Jan-2024

測試需求(Test Requested) : 依據客戶指定，測試 PAHs 及其他測項。(As specified by client, to test PAHs and other item(s).)

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages.)


Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: BE27C907

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測試報告

Test Report

號碼(No.): ETR24102548

日期(Date): 17-Jan-2024

頁數(Page): 2 of 15

互(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

樣品型號(Style/Item No.)

:

(CABLE)

SPECIFICATION OF CABLE-IRE : SPT-1 18AWG 2C、SPT-2 18AWG 2C、NISPT-1 18AWG 2C、NISPT-2 18AWG 2C、SPT-1 18AWG 3C、SPT-2 18AWG 3C、SPT-2 16AWG 2C、SVT 18AWG 2C、SVT 18AWG 3C、SVT 17AWG 2C、SVT 16AWG 2C、SJT 16AWG 2C、SJT 18AWG 2C、SJT 18AWG 3C、SJT 16AWG 3C、SJT 14AWG 3C、SJT 14AWG 2C、SJT 12AWG 3C、SJTW 18AWG 3C、SJTW 16AWG 3C、SJTW 14AWG 3C、SJTW 18AWG 2C、SJTW 16AWG 2C、SJTW 14AWG 2C、SJTOW 18AWG 3C、SJTOW 16AWG 3C、SJTOW 14AWG 3C、SJTOW 18AWG 2C、SJTOW 16AWG 2C、SJTOW 14AWG 2C、HPN 18AWG 2C、H05VV-F 3G 0.75mm、H05VV-F 3G 1.00mm、H05VV-F 3G 1.50mm、H03VV-F 3G 0.75mm、H03VVH2-F 2X 0.75mm、H03VV-F 2X 0.75mm、H05VV-F 2X 0.75mm、H05VV-F 2X 1.0mm、H05VVH2-F 2X 0.75mm、RVV 3G 0.75mm、RVV 3G 1.00mm、RVV 2X 0.75mm、RVV 2X 1.0mm、RVV 2X 0.5mm、RVV 3G 0.5mm、RVV 3G 1.5mm、RVV 3G 2.5mm、60227 IEC53 3C 0.75mm、60227 IEC52 2C 0.75mm、60245 IEC57 3C 0.75mm、60245 IEC57 3C 1.0mm、UL1007、UL1015、UL1185、UL2464、UL2468、UL2725、UL20276、UL3122、VSF RVB 2G 0.75mm、RVB 2G 1.0mm、(H) VFF 2C 0.75mm、(H) VFF 2C 1.25mm、(H) VFF 2C 2.00mm、(H) VCTFK 2C 0.75mm、(H) VCTFK 2C 1.25mm、(H) VCTFK 2C 2.00mm、(H) VCTF 2C 0.75mm、(H) VCTF 2C 1.25mm、(H) VCTF 2C 2.00mm、(H) VCTF 3C 0.75mm、(H) VCTF 3C 1.25mm、(H) VCTF 3C 2.00mm、HHFF 2C 0.75mm、HHFF 2C 1.25mm、HHFF 2C 2.00mm、PNCTF 3C 0.75mm、3C 1.25mm、3C 1.0mm、PNCTFK 2C 0.75mm、2C 1.0mm、YY扁線 2G 0.75mm、YY圓線 3G 0.75mm、YY圓線 3G 1.0mm、低煙無鹵EN50306-4、低煙無鹵EN50264-3-2、低煙無鹵WDZB-RYY

(PLUG)

PLUG : SM-001、SM-001L、SH-001、SH-001Q、SH-001K、SM-003、SH-015、SH-015T1、SH-015T2、SH-015T3、SH-015T4、SH-015A、SH-015B、SH-015D、SH-015R、SH-015S、SH-015Q、SH-015L、SH-015E、SM-045、SH-005、SH-005K、SH-007K、SH-008、SM-008、SM-009、SH-009、SM-010、SH-018、SH-018L2、SM-018、SH-019L、SH-025、SH027、SH-030、SH-032、SH-037、SH-037A、SH-051、SH-051R、SH-052、SH-053、SH-055、SH-056、SH-062、SH-064、SH-081、SM-318、SM-318A、YP-02L、YP-04、YP-12、YP-18、YP-21、YP-21A、YP-21K、YP-22、YP-22K、YP-24、YP-32、YP-33、YP-37、YP-45、YP-46、YP-47、YP-48、YP-50、YP-51、YP-57、YP-61、YP-61A、YP-71、YP-80、YP-81、SW-168、KD-168、KD-166 (英式組裝頭)、SH1512、JF1503L、JF1512、JF1535、JF1535L、JF1512L、JF0812、JF0813L、LX-C14、LX-C20

(OUTLET)

OUTLET : SM-006、SM-006L、SM-006L1、SM-006L2、SM-006L3、SM-006L4、SH-006、SH-006L、SH-006L1、SH-006L2、SH-006L3、SH-006L4、SH-006R、SH-006L-006、SM-035、SH-063、SM-103、SH-103、SM-103L、SH-103L、SM-104、SM104-1、SM-112、SM-112L、SH-112、SH-112L、YC-12、YC-12L、YC-13、YC-14、YC-18、YC-21、R-301、R-307、R-201A、R-201B、LX-C13、LX-C19

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測試報告

Test Report

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試部位敘述 (Test Part Description)

No.1 : 整體混測 (MIXED ALL PARTS)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
鎘 (Cd) (Cadmium (Cd))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
鉛 (Pb) (Lead (Pb))	參考IEC 62321-5: 2013 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	8.15
汞 (Hg) (Mercury (Hg))	參考IEC 62321-4: 2013+ AMD1: 2017 · 以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.)	mg/kg	2	n.d.
六價鉻 Cr(VI) (Hexavalent Chromium Cr(VI))	參考IEC 62321-7-2: 2017 · 以紫外光-可見光分光光度計分析。(With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.)	mg/kg	8	n.d.
一溴聯苯 (Monobromobiphenyl)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯 (Dibromobiphenyl)		mg/kg	5	n.d.
三溴聯苯 (Tribromobiphenyl)		mg/kg	5	n.d.
四溴聯苯 (Tetrabromobiphenyl)		mg/kg	5	n.d.
五溴聯苯 (Pentabromobiphenyl)		mg/kg	5	n.d.
六溴聯苯 (Hexabromobiphenyl)		mg/kg	5	n.d.
七溴聯苯 (Heptabromobiphenyl)		mg/kg	5	n.d.
八溴聯苯 (Octabromobiphenyl)		mg/kg	5	n.d.
九溴聯苯 (Nonabromobiphenyl)		mg/kg	5	n.d.
十溴聯苯 (Decabromobiphenyl)		mg/kg	5	n.d.
多溴聯苯總和 (Sum of PBBs)		mg/kg	-	n.d.

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
一溴聯苯醚 (Monobromodiphenyl ether)	參考IEC 62321-6: 2015 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.)	mg/kg	5	n.d.
二溴聯苯醚 (Dibromodiphenyl ether)		mg/kg	5	n.d.
三溴聯苯醚 (Tribromodiphenyl ether)		mg/kg	5	n.d.
四溴聯苯醚 (Tetrabromodiphenyl ether)		mg/kg	5	n.d.
五溴聯苯醚 (Pentabromodiphenyl ether)		mg/kg	5	n.d.
六溴聯苯醚 (Hexabromodiphenyl ether)		mg/kg	5	n.d.
七溴聯苯醚 (Heptabromodiphenyl ether)		mg/kg	5	n.d.
八溴聯苯醚 (Octabromodiphenyl ether)		mg/kg	5	n.d.
九溴聯苯醚 (Nonabromodiphenyl ether)		mg/kg	5	n.d.
十溴聯苯醚 (Decabromodiphenyl ether)		mg/kg	5	n.d.
多溴聯苯醚總和 (Sum of PBDEs)		mg/kg	-	n.d.
鄰苯二甲酸丁苯甲酯 (BBP) (Butyl benzyl phthalate (BBP))	參考IEC 62321-8: 2017 · 以氣相層析儀/質譜儀分析。(With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.)	mg/kg	50	n.d.
鄰苯二甲酸二丁酯 (DBP) (Dibutyl phthalate (DBP))		mg/kg	50	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP))		mg/kg	50	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP))		mg/kg	50	n.d.
全氟辛烷磺酸 (PFOS) (Perfluorooctane sulfonates (PFOS)) (CAS No.: 1763-23-1)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
全氟辛基磺酸鉀 (PFOS-K) (Potassium Perfluorooctanesulfonate (PFOS-K)) (CAS No.: 2795-39-3)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸鋰 (PFOS-Li) (Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)) (CAS No.: 29457-72-5)	由全氟辛烷磺酸測試結果計算得之。(Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛基磺酸銨 (PFOS-NH ₄) (Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)) (CAS No.: 29081-56-9)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸二乙醇銨 (PFOS-NH(OH) ₂) (Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) ₂)) (CAS No.: 70225-14-8)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸四乙基銨 (PFOS-N(C ₂ H ₅) ₄) (Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS- N(C ₂ H ₅) ₄)) (CAS No.: 56773-42-3)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸二癸二甲基銨 (PFOS-DDA) (N-decyl-N,N-dimethyldecane-1- aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctane-1-sulfonate (PFOS-DDA)) (CAS No.: 251099-16-8)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酰氟 (POSF) (Perfluorooctane sulfonyl fluoride (POSF)) (CAS No.: 307- 35-7)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸鎂 (PFOS-Mg) (Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg)) (CAS No.: 91036-71-4)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
全氟辛基磺酸鈉 (PFOS-Na) (Perfluorooctanesulfonic acid, sodium salt (PFOS-Na)) (CAS No.: 4021-47-0)	由全氟辛烷磺酸測試結果計算得之。 (Calculated from the result of PFOS.)	mg/kg	0.01▲	n.d.
N-乙基全氟正辛磺酰胺 (EtFOSA) (N- ethylperfluoro-1-octanesulfonamide (EtFOSA)) (CAS No.: 4151-50-2)	參考CEN/TS 15968: 2010 · 以液相層析串聯質 譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
N-甲基全氟正辛磺醯胺 (N-Me-FOSA) (N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA)) (CAS No.: 31506-32-8)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
N-乙基全氟辛基磺醯胺乙醇 (N-Et-FOSE alcohol) (N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSE alcohol)) (CAS No.: 1691-99-2)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
N-甲基全氟辛基磺醯胺乙醇 (N-Me-FOSE alcohol) (N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSE alcohol)) (CAS No.: 24448-09-7)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
全氟辛基磺醯胺 (PFOSA) (Perfluorooctanesulfonamide (PFOSA)) (CAS No.: 754-91-6)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
全氟辛酸(PFOA) (Perfluorooctanoic Acid (PFOA)) (CAS No.: 335-67-1)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
全氟辛酸鈉 (PFOA-Na) (Sodium perfluorooctanoate (PFOA-Na)) (CAS No.: 335-95-5)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛酸鉀 (PFOA-K) (Potassium perfluorooctanoate (PFOA-K)) (CAS No.: 2395-00-8)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛酸銀 (PFOA-Ag) (Silver perfluorooctanoate (PFOA-Ag)) (CAS No.: 335-93-3)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
全氟辛氟 (PFOA-F) (Perfluorooctanoyl fluoride (PFOA-F)) (CAS No.: 335-66-0)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
全氟辛酸銨 (APFO) (Ammonium pentadecafluorooctanoate (APFO)) (CAS No.: 3825-26-1)	由全氟辛酸測試結果計算得之。(Calculated from the result of PFOA.)	mg/kg	0.01▲	n.d.
1H,1H,2H,2H-全氟癸磺酸 (8:2 FTS) (1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)) (CAS No.: 39108-34-4)	參考CEN/TS 15968: 2010 · 以液相層析串聯質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.)	mg/kg	0.01	n.d.
全氟辛酸甲酯 (Me-PFOA) (Methyl perfluorooctanoate (Me-PFOA)) (CAS No.: 376-27-2)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
全氟辛酸乙酯 (Et-PFOA) (Ethyl perfluorooctanoate (Et-PFOA)) (CAS No.: 3108-24-5)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH) (1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)) (CAS No.: 678-39-7)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2 FTA) (1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)) (CAS No.: 27905-45-9)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
1H,1H,2H,2H-全氟癸基甲基丙烯酸酯 (8:2 FTMA) (1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)) (CAS No.: 1996-88-9)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.
全氟辛基碘烷 (PFOI) (Perfluoro-1-iodooctane (PFOI)) (CAS No.: 507-63-1)	參考CEN/TS 15968: 2010 · 以氣相層析儀/質譜儀分析。(With reference to CEN/TS 15968: 2010, analysis was performed by GC/MS.)	mg/kg	0.1	n.d.

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測試報告

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
多環芳香烴 (Polycyclic Aromatic Hydrocarbons) (PAHs)				
苯駢(a)芘 (Benzo[a]pyrene) (CAS No.: 50-32-8)	參考AfPS GS 2019:01 PAK · 以氣相層析儀/質譜儀分析。(With reference to AfPS GS 2019:01 PAK, analysis was performed by GC/MS.)	mg/kg	0.2	n.d.
苯駢(e)芘 (Benzo[e]pyrene) (CAS No.: 192-97-2)		mg/kg	0.2	n.d.
苯駢蔥 (Benzo[a]anthracene) (CAS No.: 56-55-3)		mg/kg	0.2	n.d.
苯(b)苯駢芴 (Benzo[b]fluoranthene) (CAS No.: 205-99-2)		mg/kg	0.2	n.d.
苯(j)苯駢芴 (Benzo[j]fluoranthene) (CAS No.: 205-82-3)		mg/kg	0.2	n.d.
苯(k)苯駢芴 (Benzo[k]fluoranthene) (CAS No.: 207-08-9)		mg/kg	0.2	n.d.
蒽 (Chrysene) (CAS No.: 218-01-9)		mg/kg	0.2	n.d.
二苯駢蔥 (Dibenzo[a,h]anthracene) (CAS No.: 53-70-3)		mg/kg	0.2	n.d.
苯駢芘 (Benzo[g,h,i]perylene) (CAS No.: 191-24-2)		mg/kg	0.2	n.d.
茚酮芘 (Indeno[1,2,3-c,d]pyrene) (CAS No.: 193-39-5)		mg/kg	0.2	n.d.
蔥 (Anthracene) (CAS No.: 120-12-7)		mg/kg	0.2	n.d.
苯駢芴 (Fluoranthene) (CAS No.: 206-44-0)		mg/kg	0.2	n.d.
菲 (Phenanthrene) (CAS No.: 85-01-8)		mg/kg	0.2	n.d.
芘 (Pyrene) (CAS No.: 129-00-0)		mg/kg	0.2	n.d.
萘 (Naphthalene) (CAS No.: 91-20-3)		mg/kg	0.2	n.d.
多環芳香烴15項總和 (Sum of 15 PAHs)	mg/kg	-	n.d.	

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基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL
4. "-" = Not Regulated (無規格值)
5. ▲ : MDL是針對元素/測試化合物之評估。(The MDL was evaluated for element / tested substance.)
參數換算表 (Parameter Conversion Table) :
https://eecloud.sgs.com/Region_TW/DocDownload.aspx?name=Others
6. 樣品的測試是基於申請人要求混合測試，報告中的混合測試結果不代表其中個別單一材質的含量。
The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

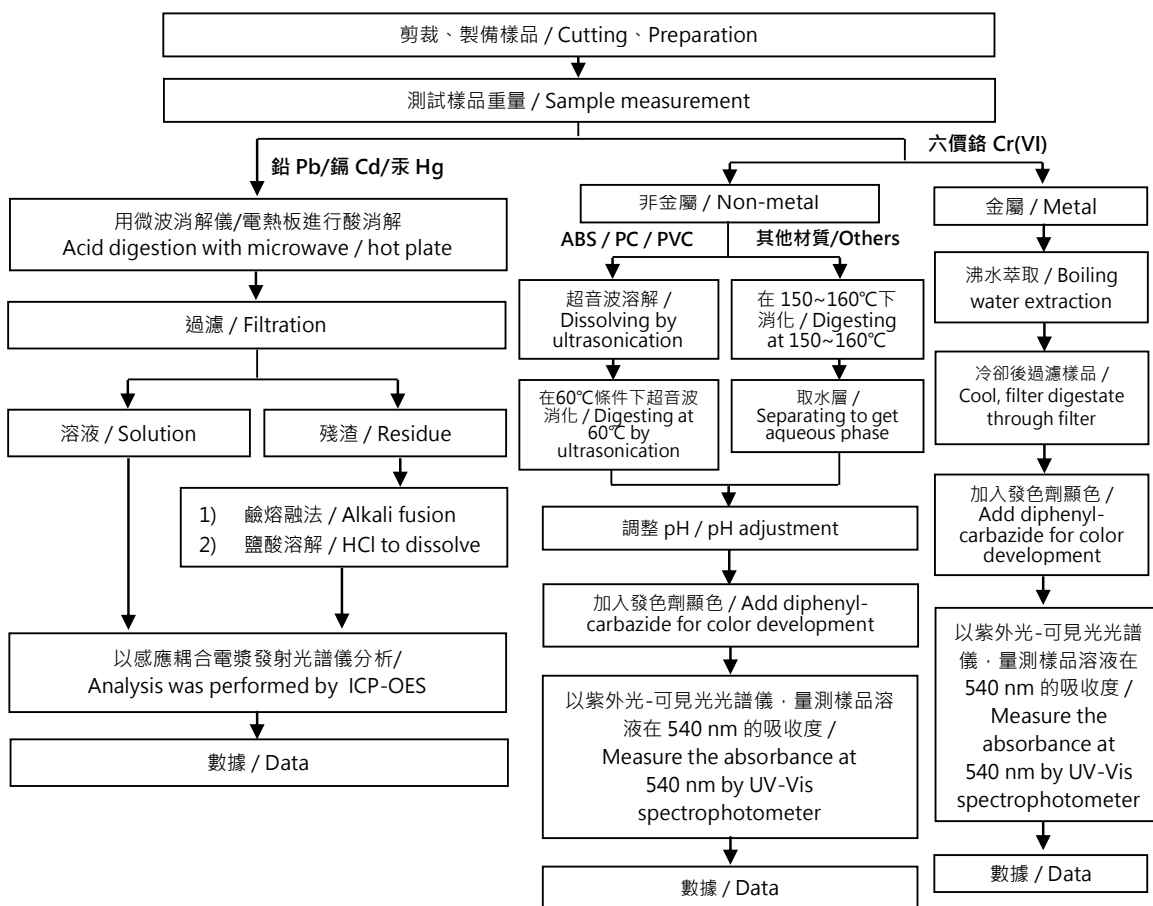
基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

重金屬流程圖 / Analytical flow chart of heavy metal

根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)

These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr⁶⁺ test method excluded)



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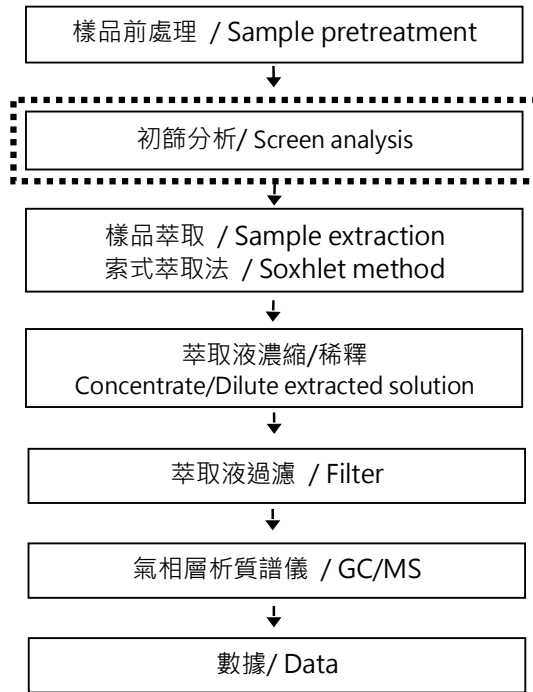
頁數(Page): 11 of 15

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基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

多溴聯苯/多溴聯苯醚分析流程圖 / Analytical flow chart - PBBs/PBDEs

初次測試程序 / First testing process —————→
 選擇性篩檢程序 / Optional screen process ······→
 確認程序 / Confirmation process - - - - -→



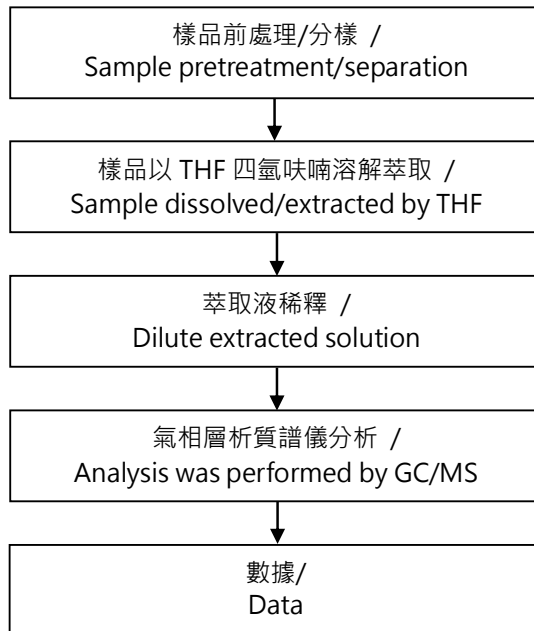
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可塑劑分析流程圖 / Analytical flow chart - Phthalate

【測試方法/Test method: IEC 62321-8】

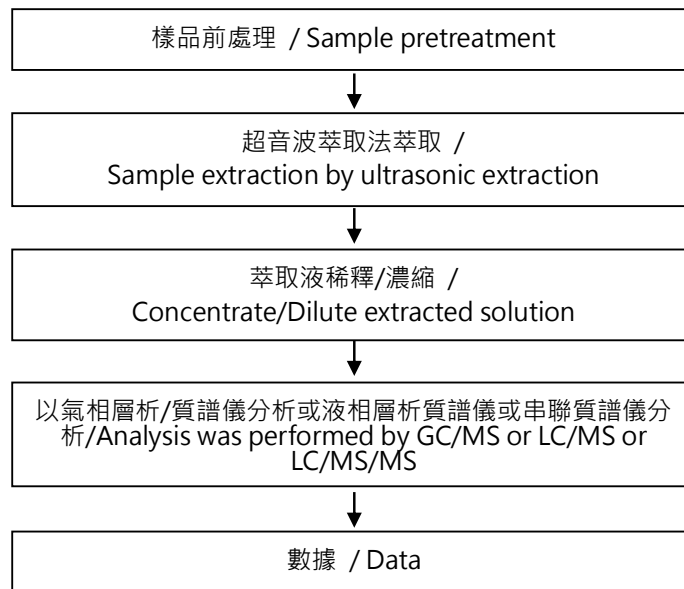


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全氟化合物(包含全氟辛酸/全氟辛烷磺酸/其相關化合物等等)分析流程圖 / Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)



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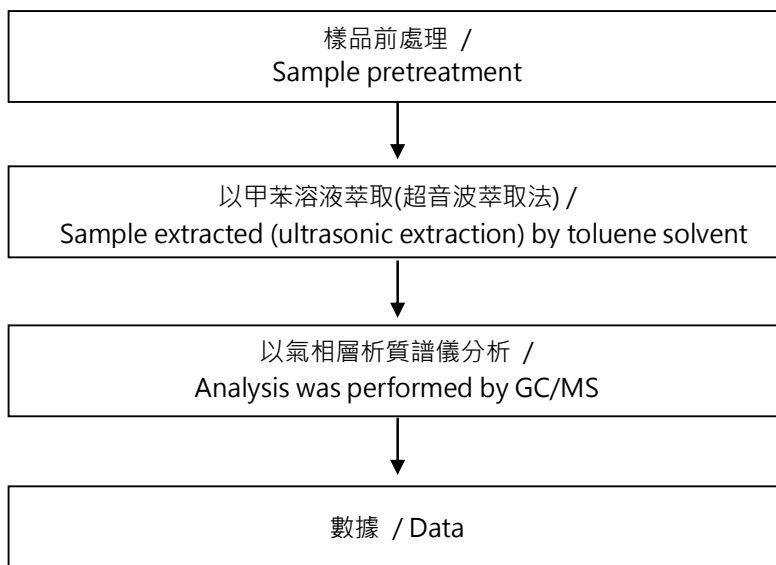
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瓦(巨)銘工業股份有限公司 (SELF-MAN INDUSTRIAL CO., LTD.)

基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

多環芳香烴分析流程圖 /

Analytical flow chart - PAHs (Polycyclic Aromatic Hydrocarbons)



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基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR24102548



** 報告結尾 (End of Report) **

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