



承	認	書
CUSTOMER	APPROVAL	SHEET

客 戶
CUSTOMER

深圳鋒雲 (怀瑾科技)

品 名
DESCRIPTION

YP04+YC12

客 戶 料 號
CUSTOMER PART NO

YP04+YC12

目錄

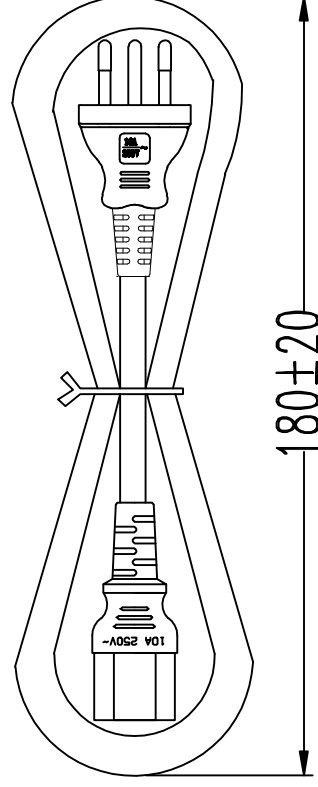
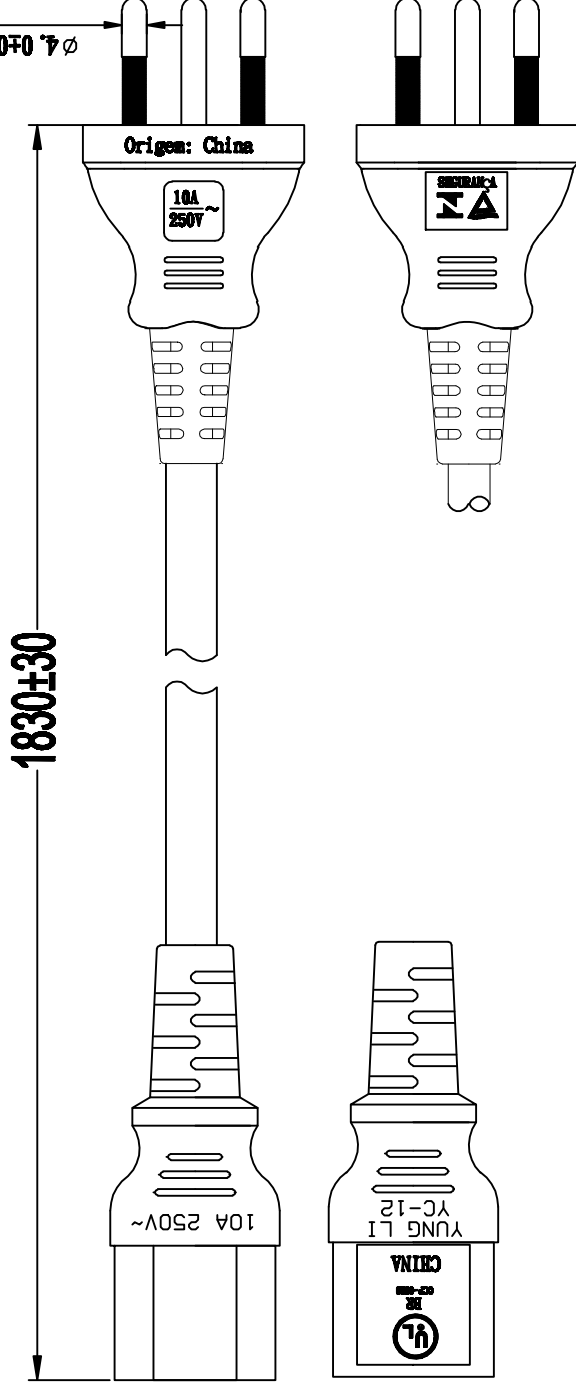
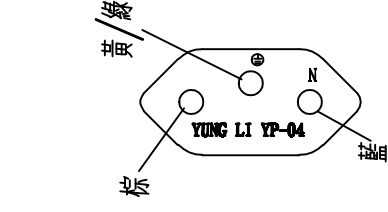
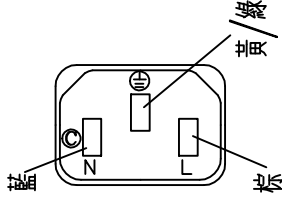
序號	文件檔案名稱	認證單位	認證號碼	頁碼	備註
1	目錄	-----	-----	P1	
2	產品全圖	-----	-----	P2	
3	YP04插頭圖	-----	-----	P3	
4	YC12插頭圖	-----	-----	P4	
5	線材規格	-----	-----	P5.6	
6	YP04認證資料	TUV	20.1563	P7.8..9	
7	YC12認證資料	INMETRO	07/UL-BRAP-0011	P10.11	
8	線材廠商認證資料	永力 VDE	40010145	P12.13.14	
9	成品SGS報告	-----	-----	P15~28	

模號

HE-089

模號

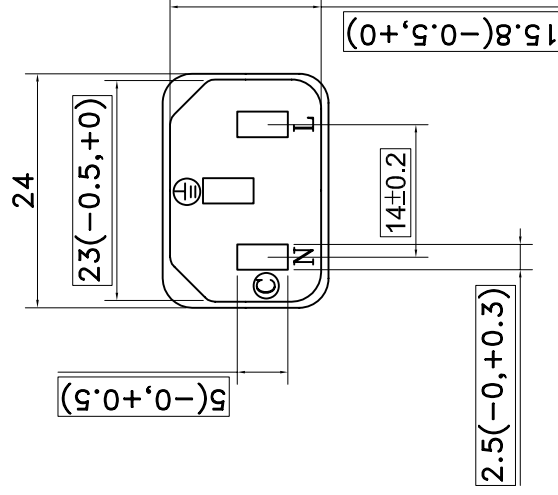
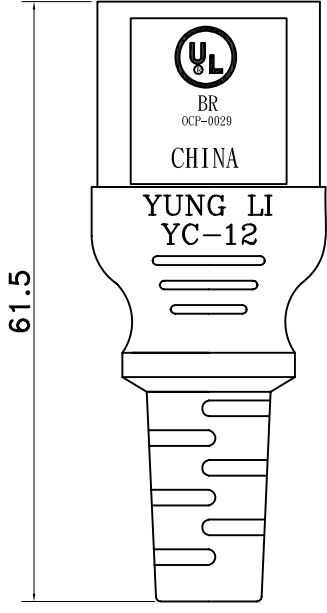
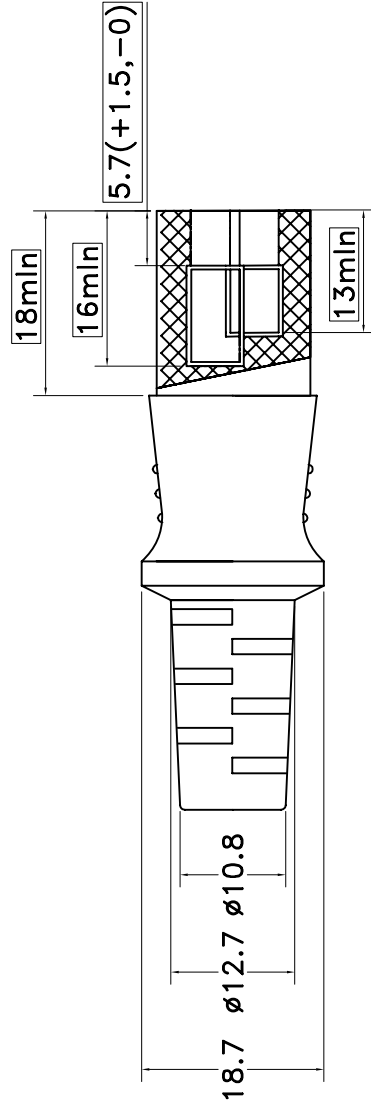
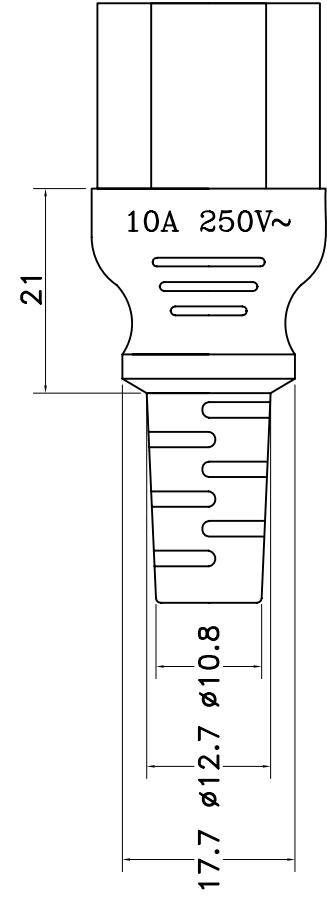
AC-YP04-01



SM 蘇州互銘電子器材有限公司

客戶	深圳鋒雲 (杯蓮科技)	工程檔號	SM-3374	線材	規格			全色系	客戶確認欄
品名	YP04+YC12	版次	A	制作	H05VV-F 0.75mm ² *3G 凹字 環保材料			BLACK	
客戶料號		單位	mm	日期	2020/11/20	審核	湯國峰	認可	宋明磊

插頭尺寸圖



一般公差	核准						
>0.0 ±0.3	審核						
>1.0 ±0.5	設計						
>10.0 ±1.0	製圖	Ling	18/11/09	簽名	日期	單位	比例
>20.0 ±2.0							
Angle ±1°							
蘇州瓦銘電子器材有限公司 Suzhou Self-Man Electronics Industry Co.,Ltd. 圖名: YC-12(巴西)							
廠 * A EN-015-00 A; 2010/07/12							

YUNG LI CO., LTD










SPECIFICATION

Yung Li	Style	PVC FLEXIBLE CORDS	Document No
2012.7.18			YL-V01001
Edition	Size	H05VV-F 3G 0.75mm²	Page
A			1/2

1. Standard: IEC 227 IEC228
 2. Construction & Dimension

	Item	Specification
Conductor	Size	3G 0.75mm ²
	Material	Annealed Bare Copper
	Construction	24/ § 0.2±0.01
Insulation	Material	PVC
	Minimum Average Thickness	0.60mm
	Minimum Thickness at any point	0.44mm
	Diameter	2.35 ± 0.10
	Identification	Blue,Brown, Yellow/Green
Core Assembly	Core Twist	3-Core
	Filler	NA
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain	Material	NA
	Construction	NA
Jacket	Material	PVC
	Minimum Average Thickness	0.8mm
	Minimum Thickness at any point	0.58mm
	Overall Diameter(Approx)	6.7 ± 0.15
	Color	Any Color

Marking: Indented Marking

Yung Li Co., Ltd. H05VV-F 3G 0.75mm² <VDE> NF-USE 1347  KEMA-KEUR  <OVE>
     IEMMEQU Q04083  A004049 60227 IEC 53(RVV) 300/500V  SU01027-4002

YUNG LI CO., LTD

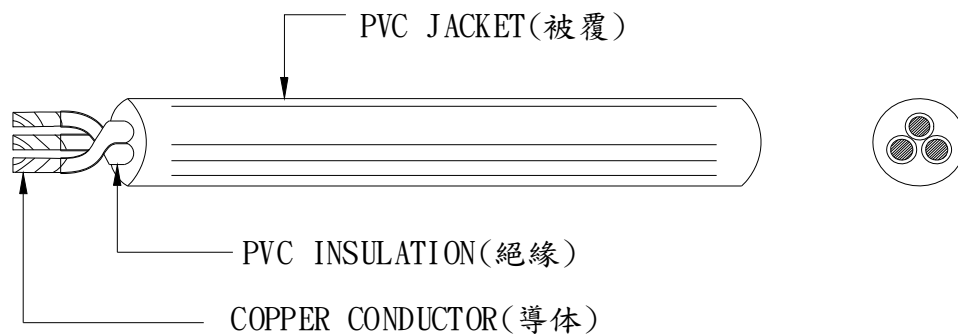
SPECIFICATION

Yung Li	Style	PVC FLEXIBLE CORDS	Document No
2012.7.18			YL-V01001
Edition	Size	H05VV-F 3G 0.75mm²	Page
A			2/2

4. Electrical & Physical Properties

Item	Specification		
Rating Voltage	70°C 300/500V		
Conductor resistance(AT 20°C)	26.0Ω/Km MAX		
Insulation Resistance(AT 70°C)	0.011MΩ/Km Min		
Dielectric Strength	AC 2.0 KV / 15 min No Break		
Spark Test	6.0KV		
Insulation	Unaged	Tensile Strength	1.02 kgf/mm ² min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°C x168hrs)
		Elongation	80~120% (80°C x168hrs)
	Loss of mass Test		2.0mg/cm ² (max)
Jacket	Unaged	Tensile Strength	1.02 kgf/mm ² min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°C x168hrs)
		Elongation	80~120% (80°C x168hrs)
	Loss of mass Test		2.0mg/cm ² (max)
Deformation Test		70±2°C X 4hr ≤ 50%	
Cold Bend Test		-15°C x 1hr No Crack	
Heat Shock Test		150±2°C x 1hr No Crack	

Graph:



Certificado de Conformidade

Certificate of Conformity

Certificado: TÜV 20.1563

Certificate

Revisão: 01

Review

Solicitante:

Applicant

PRODUCT HOLDER CERTIFICATION SOLUTIONS LTDA

Estrada Geral, S/N - Ibituba

88780-000 – Ibituba – SC

CNPJ: 28.707.531/0001-38

Fabricante:

Manufacturer

YUNG LI CO., LTD.

Da Pu Industrial Zone – Gang Zi Chang Ping Town

Dong Guan City – Guang Dong – China – 523571

Fornecedor / Representante Legal:

Supplier / Legal Representative

Não Aplicável

Non Applicable

Modelo de Certificação:

Certification Model

Modelo 5 de certificação de produto conforme determina a portaria nº 90 de 09 de março de 2022 do INMETRO, com avaliação por ensaio de tipo e auditoria de fábrica iniciais e avaliação de acompanhamento a cada 6 meses com auditoria de fábrica e ensaios parciais conforme definidos no RAC.

Model 5 of product certification according to the INMETRO rule nº 90 from March 09rd, 2022, with evaluation by initial type testing and audit and maintenance evaluations every 6 months with audit and partial testing as established by the Conformity Evaluation Rule.

Regulamento / Normas:

Regulation / Standards

ABNT NBR NM 60884-1:2004; Portaria nº 90 do INMETRO de 09/03/2022.

ABNT NBR NM 60884-1:2004, Inmetro Decree 90 of March 09, 2022.

Produto:

Product

Plugue não desmontável 2P+T

Certificação por família

Non-rewirable plug 2P with earthing contact

Certification by family.

Emissão e Validade:

Issued and Validity

Emissão em: 31/08/2020.

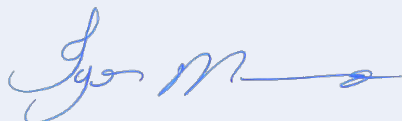
Esta revisão é válida de 05/08/2022 até 31/08/2026.

Issue in: August 31, 2020

This review validity from August 05, 2022 until August 31, 2026.

A validade deste Certificado de Conformidade está atrelada à realização das atividades de manutenção de acordo com os requisitos previstos no esquema de certificação específico. Para verificação da condição atualizada de regularidade deste Certificado de Conformidade deve ser consultado o banco de dados de produtos e serviços certificados do Inmetro.

The validity of this Certificate of Conformity is conditioned to the execution of the maintenance activities in accordance with the applicable requirements of the specific certification scheme. To confirm the regularity status of this Certificate of Conformity, the Inmetro's database of certified products and services must be consulted.



Igor Moreno
Local Field Manager



Certificado de Conformidade

Certificate of Conformity

Certificado: TÜV 20.1563

Certificate

Revisão: 01

Review

Item <i>Item</i>	Marca <i>Brand</i>	Modelo / Versão <i>Model / Version</i>	Descrição <i>Description</i>	Código de Barras GTIN <i>GTIN Barcode</i>
1	YUNG LI	YP-04 PRETO BLACK	Plugue preto não desmontável 2P+T para equipamento classe I, 10A 250V~, termoplástico, conexões crimpadas, IP20, pinos maciços, com luvas isolantes, saída do cabo 180°, NBR 14136 (Figura 07) <i>Black non-rewirable plug 2P with earthing contact for class I equipment, 10A 250V~, thermoplastic, crimped connections, IPX0, solid pins, provided with insulating sleeves, cable exit 180°, NBR 14136 (Figure 07)</i>	Não Existente* <i>Non-existent*</i>

* O cliente não utiliza o código de barras GTIN para comercialização do produto em território nacional.

**The client doesn't use the GTIN barcode for marketing the product in Brazil*

Laboratório, Relatório de Ensaios e Data:

Laboratory, Test Report and Date

TÜV Rheinland (Guangdong) Ltd.

50193181 001 de 29/11/2018;

50259319 001 de 30/06/2019;

50294300 001 de 08/11/2019;

60359508 001 de 20/04/2020.

50193181 001 of 11/29/2018;

50259319 001 of 06/30/2019;

50294300 001 of 08/11/2019;

60359508 001 of 04/20/2020.

Relatório de Auditoria e Data:

Audit Report and Date

50353182 001 de 25/03/2020.

50353182 001 of 03/25/2020.

Certificado de Conformidade

Certificate of Conformity

Certificado: TÜV 20.1563

Certificate

Revisão: 01

Review

Especificações:

Description

O plugue está em conformidade com a norma ABNT NBR NM 60884-1:2004, quando provido com os seguintes cabos flexíveis:

The plug is in conformance with the standard ABNT NBR NM 60884-1:2004, if provided with the following cables:

Corrente nominal (A) <i>Nominal Current (A)</i>	Tipo de Cabo <i>Type of Cable</i>	Seção nominal (mm²) <i>Cross-Section Area (mm²)</i>
10	Cabo Flexível Circular H03VV-F 300V 60227 IEC 52 Classe 5 <i>Circular Flexible Cable H03VV-F 300V 60227 IEC 52 Class 5</i>	3x0,75
	Cabo Flexível Circular H05VV-F 500V 60227 IEC 53 Classe 5 <i>Circular Flexible Cable H05VV-F 500V 60227 IEC 53 Class 5</i>	
	Cabo Flexível Circular H05RN-F 500V 60245 IEC 57 Classe 5 <i>Circular Flexible Cable H05RN-F 500V 60245 IEC 57 Class 5</i>	
	Cabo Flexível Circular H05VV-F 500V 60227 IEC 53 Classe 5 <i>Circular Flexible Cable H05VV-F 500V 60227 IEC 53 Class 5</i>	3x1
	Cabo Flexível Circular H05RN-F 500V 60245 IEC 57 Classe 5 <i>Circular Flexible Cable H05RN-F 500V 60245 IEC 57 Class 5</i>	
	Cabo Flexível Circular H07RN-F 750V 60245 IEC 66 Classe 5 <i>Circular Flexible Cable H07RN-F 750V 60245 IEC 66 Class 5</i>	
	Cabo Flexível Circular H05VV-F 500V 60227 IEC 53 Classe 5 <i>Circular Flexible Cable H05VV-F 500V 60227 IEC 53 Class 5</i>	
3x1,5		

Os cabos flexíveis aplicados devem estar em conformidade com as Normas IEC 60227 e IEC 60245.

The flexible cables attached to the plug herein certified must be in compliance with the Standard IEC 60227 and IEC 60245.

Este certificado está vinculado ao projeto:

This certificate is related to project

P00566911

Natureza das Revisões e Data:

Nature of Reviews e Date

Revisão: 00 – 31/08/2020

Review 00 – August 31, 2020

Recertificação. Este certificado substitui e cancela o certificado de origem nº TÜV 18.1986.

Recertification. This certificate replaces and cancels the certificate of origin nº TÜV 18.1986

01 – 05/08/2022

01 – August 05, 2022

Revisão. Ajuste da validade conforme Art. 12 da Portaria nº 90 do INMETRO, publicada em 9 de março de 2022.

Review. Adjustment of validity according to Art. 12 of INMETRO Decree No. 90, published on March 09, 2022.

CERTIFICADO DE CONFORMIDADE

CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **07/UL-BRAP-0011**
Data de Emissão / Date of issue **28 de Setembro de 2007 / September 28, 2007**

Página / Page **1 a 3**

Certificado de conformidade válido somente acompanhado das páginas de 01 até 1 a 3
Certificate of conformity valid with only with pages from 1 to 3

Fornecedor solicitante / Applicant Supplier **Yung Li Co Ltd**
570164 Da Pu Industrial Zone
Gangzi Chang Ping Town Dongguan, Guangdong, 523571
China

Produto Certificado / Certified Product **CONECTORES PARA APARELHOS DE USO DOMÉSTICO E ANÁLOGO**

Modelo - Tipo / Model - Type **Conector Não Desmontável para Equipamentos Classe I**


Marca comercial / Trademark **YC-12**

Normas aplicáveis / Applicable standards **IEC 60320-1:2015 - Appliance couplers for household and similar general purposes – Part 1: General requirements.**

Relatório de Avaliação e Ensaios / Assessment and Test Report # **BR1619/Vol.1/Sec.9**

Concessão Para / Concession for **A empresa licenciada está autorizada a ostentar o Selo de Identificação de Conformidade da UL do Brasil Certificações sobre o(s) produto(s) relacionado(s) neste certificado.**
The licensed company is authorized to bear the Conformity Identification Seal of UL do Brasil Certificações on the product(s) listed in this certificate.

Revisão / Revision date **28 de Setembro de 2021 / September 28, 2021**
Validade / Expire date **27 de Setembro de 2023 / September 27, 2023**


Pedro Mottola
Program Owner

UL do Brasil Certificações confirma que o produto está em conformidade com a(s) Norma(s) e/ou Programas ou Portarias acima descritas.

UL do Brasil Certificações confirms that the product is in compliance with the standards and/or Certification Program and Ordinances above mentioned.



Organismo de Certificação /
Certification Body

UL do Brasil Certificações

Av. Engenheiro Luis Carlos Berrini, 105 – 24º andar.
04571-010 – Brooklin – São Paulo – SP – Brasil



41-IC-F0865- Rev.1.0

CERTIFICADO DE CONFORMIDADE

CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. 07/UL-BRAP-0011

Data de Emissão / Date of issue 28 de Setembro de 2007 / September 28, 2007

Página / Page 2 a 3

Certificado de conformidade válido somente acompanhado das páginas de 01 até 2 a 3
Certificate of conformity valid with only with pages from 1 to 3

Detentor do Projeto / Project Owner **Yung Li Co Ltd**
570164 Da Pu Industrial Zone
Gangzi Chang Ping Town Dongguan, Guangdong, 523571 China

Fabricante / Manufacturer **Yung Li Co Ltd**
570164 Da Pu Industrial Zone
Gangzi Chang Ping Town Dongguan, Guangdong, 523571
China

VERSÕES DOS MODELOS DO PRODUTO / VERSIONS OF PRODUCT MODELS:

Designação comercial / Código(s) de referência comercial das versões	Descrição das versões do modelo	Características nominais
YC-12	Conector não desmontável para equipamentos classe I, No. De catálogo YC-12 10A 250V~, com cabo flexível tipo: • Circular 60227IEC53 (H05VV-F) Seções: 3x0,75mm ² , 3x1,00mm ² . 3x1,50mm ² .	10A 250V ~

DOCUMENTOS / DOCUMENTS:

Título / Title	Número do relatório / Report Number	Data de emissão / Issue Date
Relatório de ensaio emitido por / Test report issued by: Laboratórios Especializados em Eletroeletrônica LABELO/PUCRS(CRL 0075)	DPC 003/2020	15/01/2020
	DPC 302/2020	15/09/2020
	DPC 133/2021	19/04/2021
	DPC 324/2021	03/09/2021
Auditoria no Fornecedor Solicitante / Fabricante Inspection Applicant supplier / Manufacturer		Data de Realização / Performance Date
		15/06/2021

Organismo de Certificação /
Certification Body

UL do Brasil Certificações

Av. Engenheiro Luis Carlos Berrini, 105 – 24º andar.
04571-010 – Brooklin – São Paulo – SP – Brasil



41-IC-F0865- Rev.1.0

CERTIFICADO DE CONFORMIDADE

CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. 07/UL-BRAP-0011

Data de Emissão / Date of issue 28 de Setembro de 2007 / September 28, 2007

Página / Page 3 a 3

Certificado de conformidade válido somente acompanhado das páginas de 01 até 3 a 3
Certificate of conformity valid with only with pages from 1 to 3

OBSERVAÇÕES / OBSERVATIONS:

- A validade deste Certificado está condicionada à realização das avaliações de manutenção e tratamento de possíveis não conformidades de acordo com as orientações da UL do Brasil Certificações e previstas nos procedimentos específicos.**
The validation of this certificate depends on the surveillance inspections performing and Non conformity treatments, according to UL do Brasil Certificações procedures.
- Este certificado aplica-se aos equipamentos (produtos) idênticos ao protótipo avaliado e certificado, manufaturados na(s) unidade (s) fabril (is) mencionada (S) acima.**
This certificate applies to the products that are identical to the prototype investigated, certified and manufactured at the production site mentioned in this certificate
- Qualquer alteração no produto, incluindo a marcação, invalidará o presente certificado, salvo se o solicitante informar por escrito à UL do Brasil Certificações sobre esta modificação, a qual procederá à avaliação e decidirá quanto à continuidade da validade do certificado.**
Any non-authorized changes performed in the product, including marking, will invalidate this certificate. UL do Brasil Certificações must be notified about any desired change. This notification will be analyzed by UL do Brasil Certificações that will decide about certificate force.

INFORMAÇÕES COMPLEMENTARES / SUPPLEMENTARY INFORMATION:

2. HISTÓRICO DE REVISÕES / REVISION DESCRIPTION:

28 de Setembro de 2007 / September 28, 2007	Emissão inicial / Initial Emission
17 de Setembro de 2009 / September 17, 2009	Revisão Automática / Automatic Review
21 de Setembro de 2011 / September 21, 2011	Revisão Automática e Atualização do Formato / Automatic Review and Format Update
09 de Setembro de 2013 / September 09, 2013	Revisão Automática e Atualização do Formato / Automatic Review and Format Update
24 de Setembro de 2015 / September 24, 2015	Revisão Automática / Automatic Review
27 de Outubro de 2017 / October 27, 2017	Renovação de Certificado / Renewal Certificate
31 de Outubro de 2017 / October 31, 2017	Revisão do Template do Certificado / Certificate Template Revision
17 de Outubro de 2019 / October 17, 2019	Renovação de Certificado / Renewal Certificate
28 de Setembro de 2021 / September 28, 2021	Renovação de Certificado / Renewal Certificate
A última revisão substitui e cancela as anteriores <i>The last review cancel and substitutes the previous ones</i>	

Organismo de Certificação /
Certification Body

UL do Brasil Certificações

Av. Engenheiro Luis Carlos Berrini, 105 – 24º andar.
04571-010 – Brooklin – São Paulo – SP – Brasil



41-IC-F0865- Rev.1.0

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

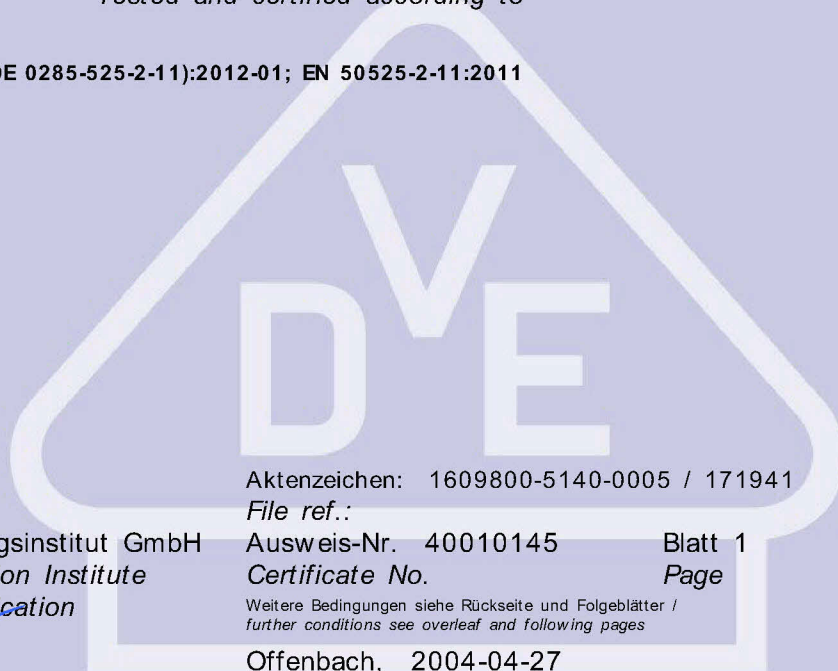


schwarz
black

rot
red

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
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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.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 1 of 14

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)

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/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 瓦(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2-3頁 (PLEASE REFER TO PAGE 2-3)

收件日(Sample Receiving Date) : 10-Jan-2022

測試期間(Testing Period) : 10-Jan-2022 to 17-Jan-2022

測試需求(Test Requested) : 依據客戶要求進行測試，測試項目請參閱測試結果表格。(Testing item(s) is/are specified by client. Please refer to result table for testing item(s).)

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


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



PIN CODE: 243BA57A

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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 2 of 14

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)

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-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, SJTW 18AWG 3C, SJTW 16AGW 3C, SJTW 14AGW 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
低煙無鹵 EN50306-4、YY 圓線 0.75/3、YY 扁線 0.75/2、SPT-1 18AWG 3C、

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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 3 of 14

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)

(PLUG)

PLUG : SM-001, SH-001, SH-001Q, SH-015, SH-015T1, SH-015T2, SH-015T3, SH-015T4, SH-015A, SH-015B, SH-015D, SH-015R, SH-015S, SH-015Q, SM-045, SH-005, SH-018, SH-025, SH-037, SH-037A, SH-051, SH-052, SM-318, YP-22K, YP-24, YP-45, YP-46, YP-50, YP-51, YP-61, SW168, SM-003, YP-18, YP-48, YP-21, YP-12, SM-018, SM-318A, SH-015L, SH051R, SH053, SH056, SH055, SH1512, YP37, YP21K, SH015E, SM008, KD168, YP22, SH001K, SH018L2, SH030, SH032, YP80, YP57, SM001L, YP21A, SM009, SH009, YP81, SH081, SH019L, KD166 (英式組裝頭), SH062, YP33, YP32, JF1512, JF1503L, JF1535L, JF1535, YP04, SH030, SH032, SH064, SH008, YP61A, SM010, YP71, YP47, SH027, YP02L, SH005K, SH007K, JF1512L, JF0813L, SH006L-06

(OUTLET)

OUTLET : SM-006, SM-006L, SM-006L1, SM-006L2, SM-006L3, SH-006, SH-006L, SH-006L1, SH-006L2, SH-006L3, SM-103, SH-103, SM-104, SM-112, SM-112L, SH-112, SH-112L, YC-12, YC-12L, YC-13, YC-14, YC-21, SM-035, SH006R, SM104-1, SM103L, SH103L, SH006L4, YC18, SM006L4, SH063, SH006L-006, YC21, R301

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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 4 of 14

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)

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)) (CAS No.: 7440-43-9)	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)) (CAS No.: 7439-92-1)	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	34.7
汞 (Hg) (Mercury (Hg)) (CAS No.: 7439-97-6)	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)) (CAS No.: 18540-29-9)	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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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 5 of 14

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)

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)) (CAS No.: 85-68-7)	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)) (CAS No.: 84-74-2)		mg/kg	50	n.d.
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (Di-(2-ethylhexyl) phthalate (DEHP)) (CAS No.: 117-81-7)		mg/kg	50	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (Diisobutyl phthalate (DIBP)) (CAS No.: 84-69-5)		mg/kg	50	n.d.
全氟辛烷磺酸及其鹽類 (PFOS and its salts) (CAS No.: 1763-23-1 and its salts)	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-乙基全氟正辛磺醯胺 (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.
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.

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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 6 of 14

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)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
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.
全氟辛酸及其鹽類 (PFOA and its salts) (CAS No.: 335-67-1 and its salts)	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.
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.

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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 7 of 14

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
1H,1H,2H,2H-全氟癸基甲基丙烯酸鹽 (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.
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.
茛萘 (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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測試報告

Test Report

號碼(No.): ETA22100116

日期(Date): 17-Jan-2022

頁數(Page): 8 of 14

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)

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 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. 全氟辛烷磺酸及其鹽類包含 (PFOS and its salts including) :
CAS No.: 29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.
6. 全氟辛酸及其鹽類包含 (PFOA and its salts including) :
CAS No.: 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.
7. 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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測試報告

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日期(Date): 17-Jan-2022

頁數(Page): 9 of 14

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

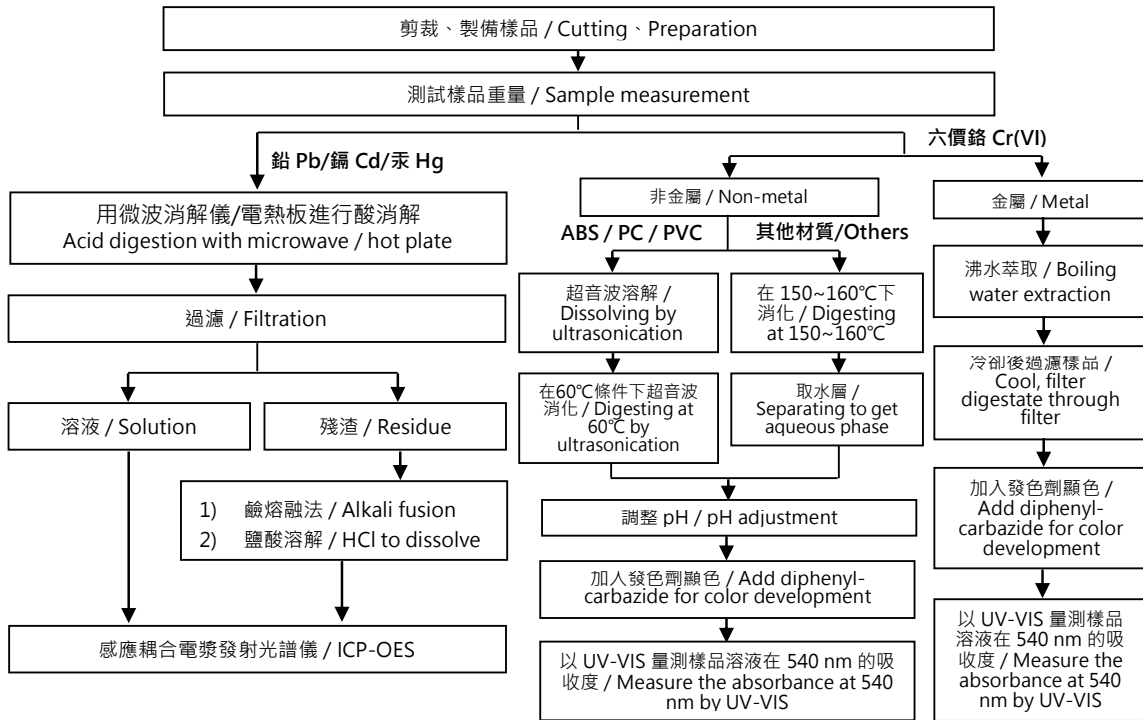
基隆市七堵區俊賢路25號5樓 (5F, NO. 25, CHUN-HSIEN ROAD, CHI-TU DISTRICT, KEELUNG 206, TAIWAN)

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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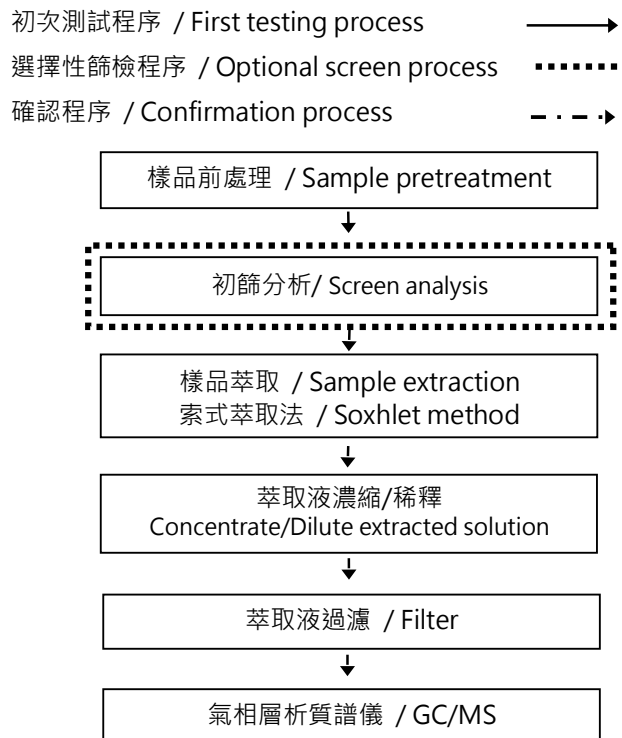
日期(Date): 17-Jan-2022

頁數(Page): 10 of 14

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

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



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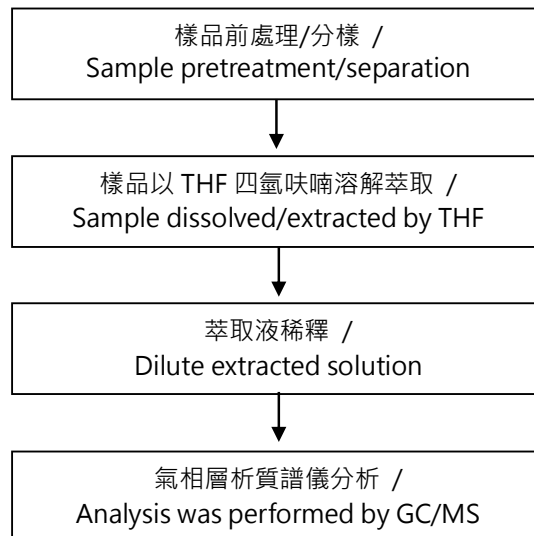
頁數(Page): 11 of 14

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

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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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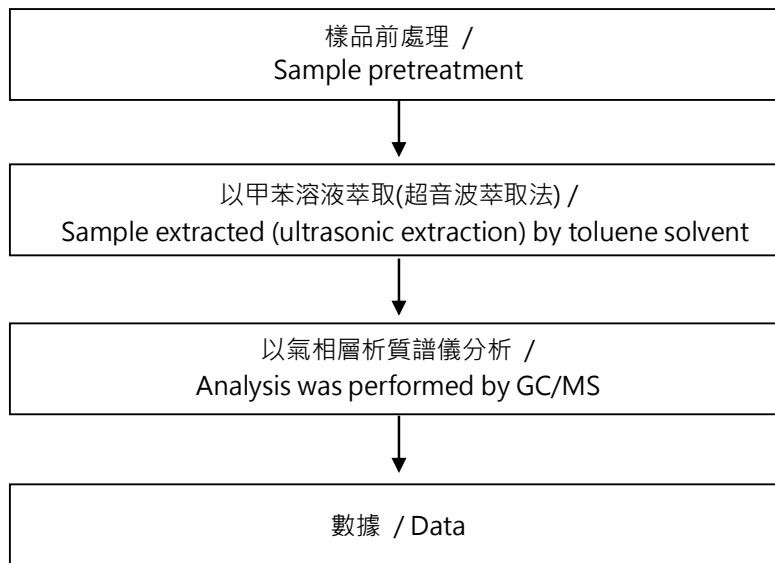
頁數(Page): 12 of 14

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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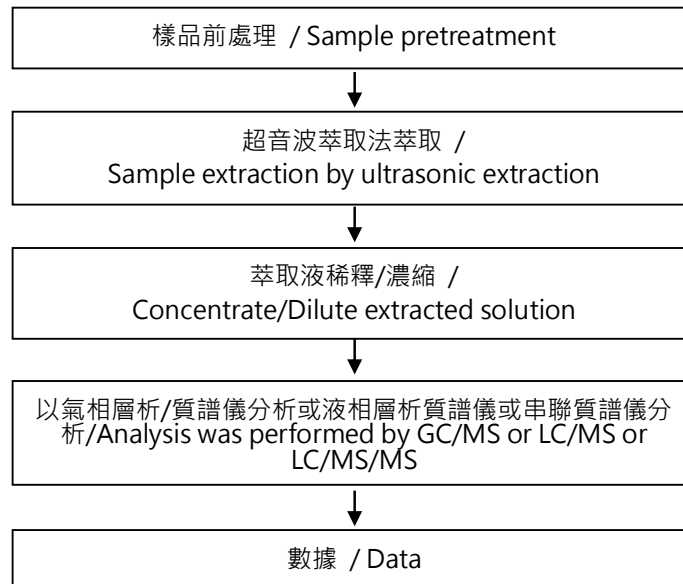
日期(Date): 17-Jan-2022

頁數(Page): 13 of 14

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)

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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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.)

ETA22100116



** 報告結尾 (End of Report) **

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