



**XRF Screening and Chemical Confirmation Test Report**

Applicant:

Number: 160700399HZH-001\_R2

Date: June 06, 2017

Sample Description:

Two (2) piece of submitted sample said to be  
Item Name : CREPES PAN / FRYING PAN / GRILL  
Testing Model : EPP-30  
Reference Model : Refer to page2



Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Remark:

This is to supersede report No. 160700399HZH-001 dated in Jul 22, 2016, report No.160700399HZH R1 dated in August 02, 2016.  
The tested samples were confirmed by client and reference models were based on the self declaration supplied by clients.  
**Intertek** takes no responsibility for any issues of product consistency caused by inaccurate and/or invalid information submitted by the client.

Conclusion:

Tested sample	Standard	Result
Tested component of Submitted sample	Screening by XRF spectroscopy and chemical confirmation test for RoHS Directive 2011/65/EU.	Pass

To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai, Hangzhou Branch



Patrick Chen  
Assistant manager

**Intertek Testing Services Ltd., Shanghai, Hangzhou Branch**  
6F, Building No.6, 1180 Bin'an Rd, High&New Tech Zone(Binjiang) Hangzhou, 310052, China  
上海天祥質量技術服務有限公司杭州分公司  
中国杭州市高新区(滨江) 滨安路 1180 号 6 号楼 6 楼 邮政编码:310052  
Telephone: +86 571 2899 7800  
www.intertek.com www.intertek.com.cn

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Reference Model

: CREPES PAN: PP-007A,PP-007B,PP-007C,PP-007D,PP-018-1.5,  
PP-017-1.5,PP-017-2,PP-016-2, PP-016-1.5,PP-018-2,

FRYING PAN:EFP-001, EFP-001-A, EFP-001-B,EFP-002, EFP-002-A, EPP-005,  
EPP-008,EPP-28,EPP-30,EPP-34,EPP-34-A,EPP-38,EPP-38-A, EPP-40,  
PP-004-34,PP-004-38,PP-19,PP-010-1,EPP-28-A,EPP-30-A,EPP-30-B,

GRILL:EGP-001, EGP-001-1,EGP-005,EGP-011, EGP-012 ,EGP-013,  
EGP-014,EGP-015,EGP-020,EGP-026-A, EGP-026-B,EGP-011-1, EGP-012-1,  
EGP-013-1, EGP-014-1, EGP-011-2,EGP-017,102210,102325,



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Tests Conducted

Determination of levels of regulated substances in electrotechnical products, elements of Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr) and Bromine (Br) contents were measured by XRF Spectroscopy and chemical confirmation test for RoHS restricted substances.

(A) Results:

Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A	EPP-30					
A1	CAP HANDLE					
A1-1	HANDLE (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A1-2	BASE (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A2	GLASS CAP (CLEAR GLASS)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A3	SCREW (SILVER METAL)	/	Cd	P	/	PASS
			Pb	X	Pb=358ppm	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	

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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A4	AL PAN (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A5	HEATER					
A5-1	TUBE (SILVER METAL)	/	Cd	P	/	PASS
			Pb	X	Pb=8ppm	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A5-2	HEATING WIRE (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A5-3	INNER MATERIAL (WHITE NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A6	SUPPORT (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A7	SILICON PLUG (RED NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

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A8	LEAD (SILVER METAL)	/	Cd	P	/	PASS
			Pb	X	Pb=21680ppm(#1)	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A9	HANDLE (BLAKC PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A10	FEET (BLACK NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11	TEMPERATURE CONTROL & POWER CORD					
A11-1	POWER CORD					
A11-1-1	OUT SHELL (BLAKC NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-1-2	PLUG PIN (SILVER METAL)	/	Cd	P	/	PASS
			Pb	X	Pb=23120ppm(#1)	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	

To be continued

Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A11-1-3	STENT (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	X	PBBs=ND PBDEs=ND	
A11-1-4	SLEEVE (BLACK NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-1-6	OUT SKIN (BLACK NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-1-7	WIRE JACKET (YELLOW/GREEN NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-1-8	WIRE JACKET (BLUE NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-1-9	WIRE JACKET (BROWN NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

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A11-1-10	WIRE (COPPER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-1-11	FEMALE TAB (GOLD METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-2	SHELL (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-3	SHELL (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-4	LABEL	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-5	KNOB (BLAKC PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

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A11-6	SPRING (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-7	SCREW (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-8	SCREW (GUNSILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-9	WIRE PRESS BOARD (BLAKC PLASTIC)	/	Cd	P	/	PASS
			Pb	X	Pb=8ppm	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-10	SCREW TUBE (GOLD METAL)	/	Cd	P	/	PASS
			Pb	X	Pb=18810ppm(#1)	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-11	STOP RING (GOLD METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	

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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A11-12	PRESS RING (BROWN METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
A11-13	SPRING (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
A11-14	LAMP CAP (WHITE PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-15	LAMP	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-16	INSULATION RING (WHITE NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A11-17	ELASTIC SHEET (COPPER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	

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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A11-18	CONTACT DOT (COPPER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-19	RIVET (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-20	SUPPORT (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-21	SENSOR (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
A11-22	WIRE CLAMP (GOLD METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A11-23	MICASHEET (SILVER NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A12	CONNECTION (BLAKC PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
A13	SCREW (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A14	TEETH WASHER (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A15	SCREW (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A16	SCREW (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
A17	GROUND SHEET (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
A18	RING (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	

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**Intertek Testing Services Ltd., Shanghai, Hangzhou Branch**  
 6F, Building No.6, 1180 Bin'an Rd, High&New Tech Zone(Binjiang) Hangzhou, 310052, China  
 上海天祥質量技術服務有限公司杭州分公司  
 中国杭州市高新区(滨江)滨安路1180号6号楼6楼 邮政编码:310052  
 Telephone: +86 571 2899 7800  
 www.intertek.com www.intertek.com.cn



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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
A19	AIR HOLE (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
A20	BASE PLATE (BLACK/SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
D	DIFFERENCE					
D1	CONNECTION (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
D2	AB FEET (BLAKC PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	
D3	WASHER (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
D4	HANDLE GRIP (BLACK NONMETAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

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Part No.	Tested Components	Refer information	Restricted Substance	XRF Result	Chemical Confirmation Result	Conclusion on RoHS
D5	HANDLE (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	NA	/	
D6	HEAT INSULATION					
D6-1	HEAT INSULATION (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
D6-2	SUPPORT (SILVER METAL)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	X	Cr <sup>6+</sup> =Negative	
			Br	NA	/	
D7	OIL BOX (BLACK PLASTIC)	/	Cd	P	/	PASS
			Pb	P	/	
			Hg	P	/	
			Cr	P	/	
			Br	P	/	

Remark: P = Pass (Below the lower screening limit of table (B))  
 X = Inconclusive result (Further chemical test was suggested (see table (B).)  
 NA = Not applicable  
 ND = Not detected  
 ppm = Parts per million = mg/kg  
 µg/cm<sup>2</sup> = Microgram per square centimetre

Negative = A negative test result indicated the absorbance value of testing sample solution for Cr(VI) testing is less than the absorbance value of the 0.10µg/cm<sup>2</sup> equivalent comparison standard solution, the Cr(VI) concentration is below the limit of quantification, then the sample is considered to be negative for Cr(VI).

(#1) = As claimed by the declaration submitted by the client, the Lead content of the components is coming from the copper alloy, the limit for Lead is 40,000ppm respectively.

The related expanded uncertainty (U<sub>95</sub>) of the Lead (Pb) / Cadmium (Cd) test is 10%.

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(B) XRF screening limits in mg/kg for regulated elements in various matrices.

Element	Polymer materials	Metallic materials	Composite materials
Cd	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 150 \leq F$
Pb	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Hg	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Cr	$P \leq 700 < X$	$P \leq 700 < F$	$P \leq 500 < X$
Br	$P \leq 300 < X$	Not applicable	$P \leq 250 < X$

(C) Estimated detection limits in mg/kg for regulated elements in various matrices.

Element	Polymer materials	Metallic materials	Composite materials
Cd	50	70	70
Pb	100	200	200
Hg	100	200	200
Cr	100	200	200
Br	200	Not applicable	200

**Disclaimers :**

This XRF screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The results shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.

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To be continued



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(D) Chemical confirmation test methods:

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion until the tested sample was totally dissolved, and determined by ICP - OES	2 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion until the tested sample was totally dissolved, and determined by ICP - OES	2 mg/kg
Mercury (Hg) Content	With reference to IEC 62321-4 Edition 1.0:2013, by acid digestion until the tested sample was totally dissolved, and determined by ICP - OES	2 mg/kg
Chromium (VI)(Cr <sup>6+</sup> ) Content	With reference to IEC 62321 Edition 1.0:2008, by alkaline digestion and determined by UV-VIS Spectrophotometer	1 mg/kg
Chromium (VI) (Cr <sup>6+</sup> ) Content	With reference to IEC 62321-7-1 Edition 1.0:2015, by boiling water extraction and determined by UV-VIS Spectrophotometer.	Positive(>0.13 g/cm <sup>2</sup> ) / Negative(<0.10 g/cm <sup>2</sup> ) / Inconclusive(0.10 g/cm <sup>2</sup> --0.13 g/cm <sup>2</sup> )
Polybrominated Biphenyls (PBBs)& Polybrominated Diphenyl Ethers (PBDEs) Content	With reference to IEC 62321-6 Edition 1.0:2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary.	5 mg/kg

(E) RoHS requirement

Restricted substances	Limits
Cadmium (Cd)	0.01% (100 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)

The above limits were quoted from RoHS Directive 2011/65/EU.

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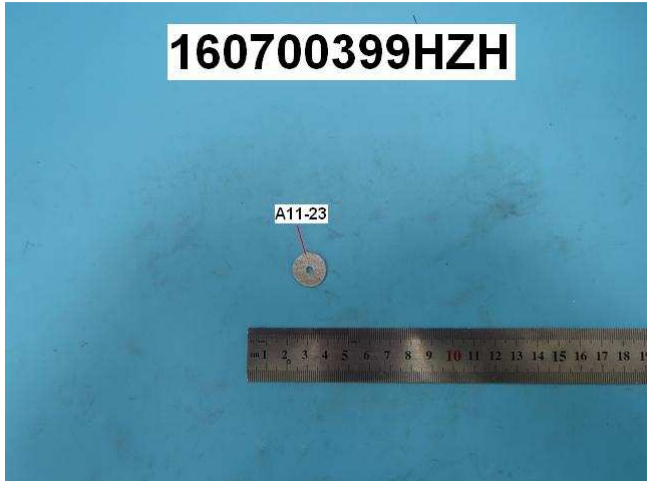
Date sample received: July 12, 2016 / July 28, 2016 / Jun 05, 2017

Testing period: July 12, 2016 to July 21, 2016 / July 29, 2016 to August 01, 2016/ Jun 05 2017 to Jun 07 2017

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To be continued

Sample disassembling Photo(s)



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End of this report

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**Intertek Testing Services Ltd., Shanghai, Hangzhou Branch**

6F, Building No.6, 1180 Bin'an Rd, High&New Tech Zone(Binjiang) Hangzhou, 310052, China

上海天祥質量技術服務有限公司杭州分公司

中国杭州市高新区(滨江)滨安路1180号6号楼6楼 邮政编码:310052

Telephone: +86 571 2899 7800

www.intertek.com www.intertek.com.cn

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**Intertek Testing Services Ltd., Shanghai, Hangzhou Branch**

6F, Building No.6, 1180 Bin'an Rd, High&New Tech Zone(Binjiang) Hangzhou, 310052, China

上海天祥質量技術服務有限公司杭州分公司

中国杭州市高新区(滨江)滨安路1180号6号楼6楼 邮政编码:310052

Telephone: +86 571 2899 7800

[www.intertek.com](http://www.intertek.com) [www.intertek.com.cn](http://www.intertek.com.cn)