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中国认可
国际互认
检测
TESTING
CNAS L0207

报告编号

CT21-03175

Reference No

检测报告

Test Report

样品名称

Name of sample

All aluminium alloy conductors

样品型号

Type of sample

AAAC ASTM B399 Greeley

委托方

Consigner

HANGZHOU EASY ELECTRIC WIRE AND CABLE
CO., LTD

试验类型

Kind of test

Commission test

上海国缆检测股份有限公司

SHANGHAI NATIONAL CENTER OF TESTING AND INSPECTION
FOR ELECTRIC CABLE AND WIRE CO., LTD

国家电线电缆质量检验检测中心

CHINA NATIONAL CENTRE OF TESTING AND INSPECTION
FOR ELECTRIC CABLE AND WIRE



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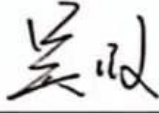
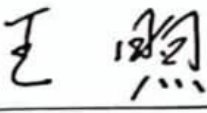
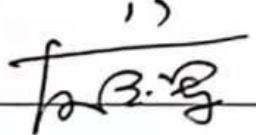
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Shanghai National Center of Testing and Inspection for Electric Cable and Wire Co., Ltd.
China National Centre of Testing and Inspection for Electric Cable and Wire
Test Report

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Kind of test	Commission test		Reference No.	CT21-03175	
Name of sample	All aluminium alloy conductors				
Type and Size	AAAC ASTM B399 Greeley (37×4.02mm)		Date of test	2021-07-22 ~ 2021-09-09	
Consigner	Name HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD				
	Address Room B415, Future Technology Park, No.7 Long Tan Road, Hangzhou. CHINA				
	Tel.	15869274963	P.C.	/	Unit No. 057129
Manufacturer	Name HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD				
	Address Room B415, Future Technology Park, No.7 Long Tan Road, Hangzhou. CHINA				
	Tel.	15869274963	P.C.	/	Unit No. 057129
Delivering mode	Supplied by consigner	Sample state at receiving	Normal	Receiving date	2021-07-16
Test standard	ASTM B399/B399M-04 (Reapproved 2015) Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors				
Verdict standard	ASTM B399/B399M-04 (Reapproved 2021) Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors				
Conclusion	The items tested for the sample comply with the requirements of ASTM B399/B399M-04 (Reapproved 2021) .				
Note	The consigner supplied name, type and size of the sample and is responsible for them.				
Tested by	Wu Min 	Checked by	Wang Xu 	Approved by	Fan Yujun 
Date	2021.9.9	Date	2021.09.09	Date	2021-09-09

股份
测专

Type and size		AAAC ASTM B399 Greeley (37×4.02mm)		Reference No.	CT21-03175	
No.	Test Items	Unit	Requirements	Test Results	Verdict	
1	Number of Al alloy wires	No.	37	37	P	
2	Surface quality		The conductor shall be clean and free of imperfections not consistent with good commercial practice	Pass	P	
3	Lay					
3.1	Direction of lay		Adjacent wire layers shall be stranded with reverse lay directions, the direction of lay of the external layer shall be "right-hand".	Reverse, "right-hand"	P	
3.2	Lay ratio					
3.2.1	Inner layer		10~16	14.8	P	
3.2.2	Adjacent outer layer		10~16	12.7	P	
3.2.3	Outer layer		10~16	11.5	P	
4	The properties of Al alloy wire(Stranded)					
4.1	Appearance		The wire shall be free of all imperfections not consistent with good commercial practice.	Pass	P	
4.2	Diameter	mm	4.02±0.04	4.03	P	
4.3	Tensile strength					
4.3.1	Average for a Lot	MPa	≥299 (315×0.95)	336	P	
4.3.2	Individual tests	MPa	≥290 (305×0.95)	322	P	
4.4	DC resistivity at 20°C	Ω·mm ² /m	≤0.032841	0.032199	P	

Note: "P" means this item does meet the requirement, "F" means this item does not meet the requirement, "N" means this item does not require to the verdict.

Type and size		AAAC ASTM B399 Greeley (37×4.02mm)		Reference No.	CT21-03175	
No.	Test Items	Unit	Requirements	Test Results	Verdict	
4.5	Bending(looped around its own diameter with a mandrel)		No fracture shall occur.	No fracture occurred.	P	
End of Report						

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Note: "P" means this item does meet the requirement, "F" means this item does not meet the requirement, "N" means this item does not require to the verdict.