



检测报告 Test Report

样	品名利 Name of samp	All aluminium alloy conductors
样	品型 Type of samp	AAAC
委	托 力 Consign	
试	验 类 <u>₹</u> Kind of te	Commission test

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

上海国缆检测股份有限公司

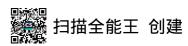
CHINA NATIONAL CENTRE OF TESTING AND INSPECTION FOR ELECTRIC CABLE AND WIRE



地址:上海市宝山区真陈路888号 邮编:200444

电话: 021-65493333 传真: 021-65490171

电子邮箱:ewec@ticw.com.cn 报告查询网站:www.ticw.com.cn



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

P	ag	е	1	of	3

Kind of test		Commission test		Reference N	lo.	CT22-03241-3			
	ame of ample	All aluminium alloy o	conductors		·				
Type and Size		AAAC 559.5MCM (Date of test 2022-09-19~2022-11-21			-21			
Consigner	Name	HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD							
	Address	Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China							
ŏ	Tel.	158 6927 4963	P.C.	1		Unit No.	057129		
Ier	Name	HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD							
Manufacturer	Address	Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China							
Mar	Tel.	158 6927 4963	P.C.	1		Unit No.	057129		
Delivering		Supplied by	Sample state at	Normal		Receiving date	2022-09-13		
	mode	consigner	receiving						
	_			399M-04 (Rea c-Lay-Stranded	ppro\ Alum	ved 2021) ninum-Alloy 6201-T	81 Conductors		
st	mode Test		ASTM B399/B cation for Concentric	399M-04 (Reac-Lay-Stranded	Alum	ninum-Alloy 6201-T	781 Conductors		
st	Test andard	Standard Specifi	ASTM B399/B cation for Concentric	c-Lay-Stranded	dard	ninum-Alloy 6201-T	<u> </u>		
st \\ st	Test andard /erdict andard	Standard Specification of the items tested (Reapproved 202	ASTM B399/B cation for Concentric	mply with the	dard dard requi	ninum-Alloy 6201-T	B399/B399M-04		
st	Test andard /erdict andard	Standard Specification of the items tested (Reapproved 202	ASTM B399/B ication for Concentric	mply with the	dard require	ninum-Alloy 6201-T	B399/B399M-04		

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					Page	2 of 3
Туре а	and size	AAAC 559.5MC	M (Darien)	Reference No.	CT22-03241-3	
No.	Test Items		Unit	Requirements	Test Results	Verdict
1	Number o	of Al alloy wires	No.	19	19	Р
2	Surface quality			The conductor shall be clean and free of imperfections not consistent with good commercial practice	Pass	Р
3.1	Lay Direction			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"	Р
3.2	Lay ratio				45.4	
3.2.1	Inner lay			10~16	15.1	Р
3.2.2	Outer lay The prop wire(Stra	erties of Al alloy		10~16	14.0	P
4.1	Appeara	nce		The wire shall be free of all imperfections not consistent with good commercial practice.	Pass	P
4.2	Diameter	•	mm	4.36±0.04	4.35	P
4.3	Tensile s	trength				
4.3.1	Average	for a Lot	MPa	≥299 (315×0.95)	338	Р
4.3.2	Individua	l tests	MPa	≥290 (305×0.95)	334	Р

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.

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Туре а	nd size	AAAC 559.5M	CM (Darien)	Reference No.	CT22-03241-3	
No.		Test Items	Unit	Requirements	Test Results	Verdict
4.4	DC resist	ivity at 20°C	Ω· mm²/m	≤0.032841	0.032250	Р
4.5	Bending(1d)		No fracture shall occur.	No fracture occurred.	P
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					oes not meet the require	

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.