



Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

www.eescable.com

Part Number:CU/TR-XLPE/CWS/LLDPE 1*2/0AWG 15kV 100%

Product Description:

NO.	Component	Test item	Units	Requirement	Measured	Result
1	Conductor					
1.1	Conductor	Material		copper conductor	copper conductor	pass
1.1	Conductor	Structure	Number	19	19	pass
1.2	Conductor	Diameter	mm	10.09~10.40	10.20	pass
2	Conductor Shield	Thickness	mm	0.51	0.56	/
			mm	Min. 0.30	0.32	pass
		Depth of depression	mm	<0.076	0	pass
		Protrusion height	mm	<0.17	0	pass
3	Insulation (TR-XLPE)	Thickness	mm	Min. 4.19	4.60	pass
			mm	Max. 5.21	4.86	pass
		Protruding height of insulation to insulation shield	mm	<0.17	0	pass
4	Hot Creep Test 150°C,15min (TR-XLPE)	Elongation	%	Max. 175	68	pass
		Variation after cooling	%	Max. 10	0	pass
5	Extruded Insulation Shield	Thickness	mm	Min. 1.02	1.20	pass
			mm	Max. 1.91	1.42	pass
		Depth of insulation shield to insulation recess	mm	<0.127	0	pass
6	Copper Wire	Quantity	pcs	20	20	pass
		Diameter	mm	2.05	2.05	pass
7	Jacket(LLDPE) (Black with red bar)	Thickness	mm	1.40	1.89	/
			mm	Min. 1.14	1.39	pass
			mm	Max. 2.03	1.98	pass
		Diameter	mm	27.2~31.1	30.8	pass
8	Electrical test	D.C. resistance of conductor at 20°C Max.	ohm/Km	Max. 0.2607	0.2605	pass
		Partial discharge test	35kV	Max. 5Pc	3Pc	pass
		Voltage test(AC:35kV,5min)		no-breakdown	no-breakdown	pass

Test Conclusion: Comply with technology agreement requirement.

Inspected by

Signature:

Date: 2022/8/3

Approved by

Signature:

Date: 2022/8/3

杭州益睿电线电缆有限公司
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.