



Hangzhou Easy Electric Wire and Cable Co.,LTD

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

www.eescable.com

Part Number: URD-CU/TRXLPE/CWS/LLDPE 1*250MCM 15kV 100%

Product Description:

NO.	Component	Test item	Units	Requirement	Measured	Result
1	Conductor					
1.1	Conductor	Structure	Number	37	37	pass
1.2	Conductor	Diameter	mm	13.9~14.34	14.1	pass
2	Conductor Shield	Thickness	mm	0.51	0.83	/
			mm	Min. 0.41	0.72	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	4.33	pass
			mm	Max. 5.21	4.61	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	28	pass
		Variation after cooling	%	Max. 10	0	pass
5	Extruded Insulation Shield	Thickness	mm	Min. 0.76	0.86	pass
			mm	Max. 1.52	0.95	pass
		Depth of insulation shield to insulation recess	mm	<0.127	0	pass
6	Copper wire shielding	Layer	Number	13	13	pass
		Monofilament diameter	mm	2.05	2.05	/
7	Jacket(LLDPE) (Black with red stripe)	Thickness	mm	1.40	1.56	/
			mm	Min. 1.14	1.29	pass
			mm	Max. 2.03	1.68	pass
		Diameter	mm	31.3~34.4	33.2	pass
8	Electrical test	D.C. resistance of conductor at 20°C Max.	ohm/Km	Max. 0.1382	0.1358	pass
		Partial discharge test	35kV	Max. 5Pc	2.6Pc	pass
		Voltage test(AC:35kV,5min)		no-breakdown	no-breakdown	pass

Test Conclusion: Comply with technology agreement requirement.

Inspected by

Signature:

Date 2022/10/10

Approved by

Signature:

Date 2022/10/10

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