



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/TR-XLPE/CWS/LLDPE 1*1000MCM 28KV 100%

Product Description:

NO.	Component	Test item	Units	Requirement	Measured	Result	
1	Conductor						
1.1	Conductor	Material		Copper conductor	Copper conductor	pass	
1.2	Conductor	Structure	Number	61	61	pass	
1.3	Conductor	Diameter	mm	27.8~28.68	28.12	pass	
2	Conductor Shield	Thickness	mm	0.69	0.71	/	
			mm	Min.	0.51	0.60	pass
		recess depth	mm	Max.	0.17	0	pass
		protrusion height	mm	Max.	0.076	0	pass
3	Insulation (TR-XLPE)	Thickness		Min.	6.73	7.23	pass
				Max.	7.87	7.43	pass
4	Hot Creep Test 150°C,15min (TR-XLPE)	Elongation	%	Max	175	80	pass
		Variation after cooling	%	Max	10	0	pass
5	Extruded Insulation Shield	Thickness		Min.	1.40	1.58	pass
				Max.	2.29	1.93	pass
		Diameter	mm		44.9~48.3	46.8	pass
		recess depth	mm	Max.	0.127	0	pass
		protrusion height	mm	Max.	0.076	0	pass
6	Copper wire shielding	Quantity	pcs		26	26	pass
		Monofilament diameter	mm		2.91	2.91	/
7	Jacket(LLDPE) (Black/Red)	Thickness	mm		2.03	2.05	/
				Min	1.78	1.82	pass
				Max	3.05	2.21	pass
		Diameter	mm		54.3~59.3	56.6	pass
8	Electrical test	D.C. resistance of conductor at 20°C Max.	ohm/Km	Max.	0.0347	0.0345	pass
		Partial discharge test(56kV)		Max.	5Pc	3Pc	pass
		Voltage test (AC:56kV/5min)			no-breakdown	no-breakdown	pass

Test Conclusion: Comply with technology agreement requirement.

Inspected by

Signature:

Date 2022/9/18

Approved by

Signature:

Date

2022/9/18

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