



TEST REPORT

Part Number: PV WIRE CU 12AWG 2000V

Purchase Order No:PUO.20221124002

Product Description:

No.	Test item	Reference Value	Measured Value	Result
1	Conductor			
	Conductor material	Copper conductor	Copper conductor	pass
	The number of the single wire	48pcs	48pcs	pass
2	Insulation			
	Material	LSOH	LSOH	pass
	Nominal Thickness	1.90mm	1.95mm	pass
	Minimum Thickness	1.74mm	1.88mm	pass
	Core identification	Red	Red	pass
	Overall diameter Max.	6.2~6.4mm	6.3mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	5.43ohm/kM	5.41ohm/kM	pass
	15°C Insulation resistance Min.	1130MΩ·km	2318MΩ·km	pass
	Voltage test(AC:6kV for1min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	13%	pass

Test Conclusion: Comply with UL4703 standard requirement

Inspected by

Signature:

Date 2023/1/6

Approved by

Signature :

Date 2023/1/6

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