



### TEST REPORT

Part Number: PV WIRE CU 10AWG 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	75pcs	75pcs	pass
2	Insulation			
	Material	LSOH	LSOH	pass
	Nominal Thickness	1.90mm	1.94mm	pass
	Minimum Thickness	1.74mm	1.87mm	pass
	Core identification	Black	Black	pass
	Overall diameter Max.	6.7~7.0mm	6.8mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	3.41ohm/kM	3.39ohm/kM	pass
	15°C Insulation resistance Min.	950MΩ·km	1854MΩ·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.**