



## TEST REPORT

Part Number: H1Z2Z2-K 6mm<sup>2</sup> 1500V

Purchase Order No:PUO.20221108005

### Product Description:

No.	Test item	Reference Value	Measured Value	Result
1	Conductor			
	Conductor material	Tinned copper	Tinned copper	pass
	The number of the single wire	76pcs	76pcs	pass
2	Insulation			
	Material	LSOH	LSOH	pass
	Nominal Thickness	0.7mm	0.8mm	pass
	Minimum Thickness	0.53mm	0.66mm	pass
	Core identification	Black	Black	pass
3	Sheath			
	Material	LSOH	LSOH	pass
	Nominal Thickness	0.8mm	0.9mm	pass
	Minimum Thickness	0.58mm	0.72mm	pass
	Core identification	Black	Black	pass
	Overall diameter Max.	Max.6.5mm	6.2mm	pass
4	Electrical test			
	D.C. resistance of conductor at 20°C Max.	3.39ohm/kM	3.37ohm/kM	pass
	20°C Insulation resistance Min.	500MΩ·km	1231MΩ·km	pass
	Voltage test(AC:6.5kV for5min)	no-break	no-break	pass
5	Heat extension test of insulation (250±3°C, 15min)			
	Elongation under loading	Max.100%	25%	pass
	Permanent deformation after cooling	Max.25%	0	pass
6	Heat extension test of sheath (250±3°C, 15min)			
	Elongation under loading	Max.100%	10%	pass
	Permanent deformation after cooling	Max.25%	0	pass

**Test Conclusion: Comply with EN50618 standard requirement**

**Inspected by**

Signature:

Date 2022/12/9

**Approved by**

Signature:

Date

2022/12/9

杭州益睿电线电缆有限公司  
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