

TEST REPORT

Part Number: H1Z2Z2-K 6mm² 1500V

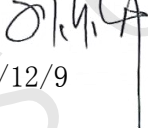
Purchase Order No:PUO.20221108005

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
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.