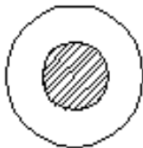





Datasheet

| | |
|----------------------|--------------------|
| Product Name: | UL11028 24AWG |
| Product Discription: | UL11028 24AWG |
| Specification No.: | SPEC-UL11028-24AWG |
| Customer's Name: | |

| Description | | Construction | |
|---|--------------|--------------------------|------------------------|
| Rated Voltage: | 600V | Conductor | Stranded Tinned Copper |
| Rated Temperature: | 105°C | Size(AWG) | 24 |
| Reference Standard: | UL758,UL1581 | Construction(±0.008mm) | 11/0.16 |
| Cross Section  | | Stranded Dia.(mm)Ref. | 0.61 |
| | | Insulation Material | mPPE |
| | | Insulation Color | ANY COLOR |
| | | Ave Thickness(mm) | 0.20 |
| | | Min Thickness(mm) | 0.18 |
| | | Insulation Dia.(±0.10mm) | 1.12 |
| | | | |
| | | | |

| Marking | Remark: |
|---|---|
| E254881  AWM STYLE 11028 24AWG 105°C 600V VW-1 | 8724492 Red 8724502 Blue 8724511 Orange 8724524 Violet |
|  AWM I A 105°C 600V FT1 -LF- -HF- ELETECK | 8724495 Black 8724505 White 8724515 Grey |
| | 8724498 Brown 8724509 Green 8724518 Yellow |

| Applications | | | | | Characteristics | | Customer Approve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--|--|--|------------------------------|-----------------------|--|------------------|-------------|-------|---|--------------------|--------|-----------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------|------|
| For internal wiring of electrical equipment | | | | | Test Item | Standard Value | Seal & Stamp Signature: Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Test Material | mPPE(RoHS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Before Aging | Tensile Strength(Mpa) | | ≥21.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elongation(%) | ≥175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Aging Condition | 136±2°C*168hrs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | After Aging | Tensile Strength(Mpa) | | ≥85% of original | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elongation(%) | ≥50% of original | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revisions <table border="1"> <thead> <tr> <th>Version</th> <th>Description</th> <th>Drawn by</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New document issue</td> <td>YanBin</td> <td>David Lin</td> <td>#####</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | Version | Description | | Drawn by | Approved by | Date | 0 | New document issue | YanBin | David Lin | ##### | | | | | | | | | | | | | | | | | | | | | Deformation(121±1°C*250g) | ≤50% |
| | | | | | Version | Description | | Drawn by | Approved by | Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 0 | New document issue | | YanBin | David Lin | ##### | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Cold Bend(-10±1°C*4hrs) | No crack | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Heat Shock(121±1°C*1hr) | No crack | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Max.DC Resistance(20°C Ω/km) | 94.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Flammability Test | VW-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |