

# Product Specification



|   |                               |   |  |
|---|-------------------------------|---|--|
| <b>Part No.:XB1015087</b>   |                               | <b>Color</b>  |  |
| Style 1015 Insulated Wire.  |                               | <b>Insulation</b><br>Available colors from:<br>Black / Brown / Red / Orange / Yellow / Green / Blue / Violet<br>Gray / White / Light Blue / Pink / Light Green / Light Gray   |  |
| <b>Cross Section</b>  |                               | <b>Performance</b>  |  |
| <p>Conductor<br/>Insulation<br/>Stripe</p>  |                               | <b>Electrical Characteristics:</b><br>Max. Conductor DC Resistance at 20°C ( $\Omega$ /km) 14.60  |  |
| <b>Marking</b>  |                               | <b>Mechanical Characteristics:</b>  |  |
| BELDEN E357312-S 16AWG  AWM STYLE 1015 105C 600V<br>VW-1 - - - c  AWM I A/B 105C 600V FT1 -F- ROHS                                    |                               | <b>Test Object</b><br>Test Material <b>Insulation</b><br>Before Tensile Strength (Mpa) PVC<br>Aging Elongation (%) $\geq 10.3$<br>Aging Condition 136 $\pm$ 2°C x 168 hrs<br>After Tensile Strength (Mpa) $\geq 70\%$ of original<br>Aging Elongation (%) $\geq 65\%$ of original |  |
| <b>Description</b>  |                               |   |  |
| Rated Voltage (V) 600<br>Rated Temperature (°C) 105<br>Product Standard Certification UL & JQA<br>Flammability Test UL VW-1 & CSA FT1 |                               |   |  |
| <b>Application</b>  |                               |   |  |
| Internal Wiring of Appliances   |                               |   |  |
| <b>Reference Standard</b>   |                               |   |  |
| UL758, UL1581 & CSA C22.2 No.210.2  |                               |   |  |
| <b>Construction</b>   |                               |   |  |
| <b>1Core</b>  |                               |   |  |
| <b>Conductor</b>  | <b>Stranded Tinned Copper</b> |   |  |
| AWG   | 16                            |   |  |
| Construction  | 26/0.25                       |   |  |
| Stranded Dia. (mm)  | 1.50                          |   |  |
| <b>Insulation</b>   | <b>PVC</b>                    |   |  |
| Min.. Thickness (mm)  | 0.63                          |   |  |
| Nom. Thickness (mm)   | 0.79                          |   |  |
| Insulation Dia. ( $\pm 0.12$ mm)  | 3.08                          |   |  |
|   |                               | <b>Sample Record</b>  |  |
|   |                               | Sample No. :<br>Original spec no.: Rev.: 0<br>Ref. spec No. : SK-B1015-087 Rev.: 0  |  |
|   |                               | <b>Revision History</b>   |  |
|   |                               | Prepared by: XIAOYU.ZHU 2012/11/17 Table No.:T100 Rev.: 0<br>Approved by: CICI.CHENG 2012/11/17 Page 1 of 1   |  |