

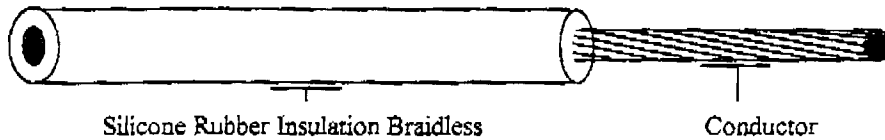
Eassan Electric Wire & Cable Co. , LTD.

## SPECIFICATION

Type : Silicone Rubber Electrical Wire Braidless 180°C 1.25 mm<sup>2</sup>

Diagrams :

350V 10A



Conductor :

Composition of conductor : 50 / 0.18 tinned copper stranded .

Diameter of stranding conductor : Approximate 1.5 mm .

Cross-sectional area of stranding conductor : Nominal 1.25mm<sup>2</sup> .

Insulation :

Material of insulation : Compound Silicone Rubber

Average thickness of insulation : 0.6 mm .

Minimum thickness of insulation at any point : 0.54 mm .

Overall diameter :

Nominal overall diameter : 2.7 mm , Tolerance (  $\pm 0.15$  mm ) .

Physical & Electrical Properties :

Unaged :

Average elongation : 150%

Average tensile strength : 700 lbf / IN<sup>2</sup> ( 0.4 kgf/mm<sup>2</sup> ) .

After aged : In an air oven with temperatur of 190°C (  $\pm 1^\circ$ C ) for 60 days .

Average elongation : 25% of unaged test specimens .

Average tensile strength : 60% of unaged test specimens .

Resistance of conductor : Maximum 15.5 Ohms per 1,000 M ( at 20°C ) .

Dielectric test : 1,500 V for 1 minute No Breakdown .