

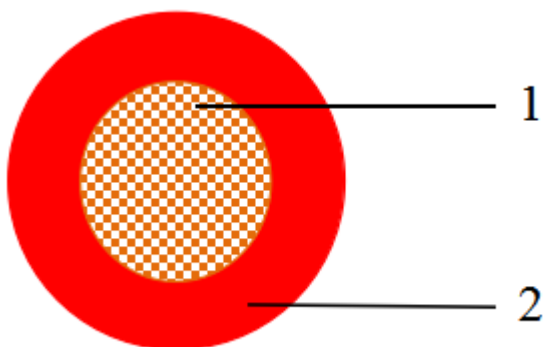
## Datasheet

Wire model : AGR-TR (Silicone rubber insulated wire)

Stock No: 2101251



Cross Section



1	Conductor
2	Insulation

## Physical characteristics

### Conductor

Conductor section	1mm <sup>2</sup>
Conductor material	Tinned copper wire
Conductor structure	199/0.08
Diameter of a single conductor	0.08±0.005
Conductor dimension	1.26±0.10 mm

### Insulation

Insulation material	Silicone Rubber
Insulation thickness	1.00
Insulation dimension	3.30±0.15mm
Insulation color	Red

### Mechanical Physical Properties

Operating temperature range	-55℃~+200℃
Insulation tensile strength	≧5 MPa
Insulation elongation	≧150%

### Electrical properties

Max. operating voltage	300/500V
Max. conductor DC resistance	20 Ω/km (@ 20 °C)
Wire withstand voltage test	1500V/min