

CHARACTER:

1.Physical performance

- a、 Good mechanical properties
- b、 Good resistance to high temperature, low temperature resistance
- c、 Good flame retardancy
- d、 Good corrosion resistance
- e、 Good resistance to climate
- f、 Good lubricity (small friction coefficient)

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity
- c、 Low dielectric constant 2.1

3.Processing properties

- a、 Use half extrusion processing
- b、 Good wire processing performance
- c、 In the process of wire processing good compatibility
- d、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 nonhazardous

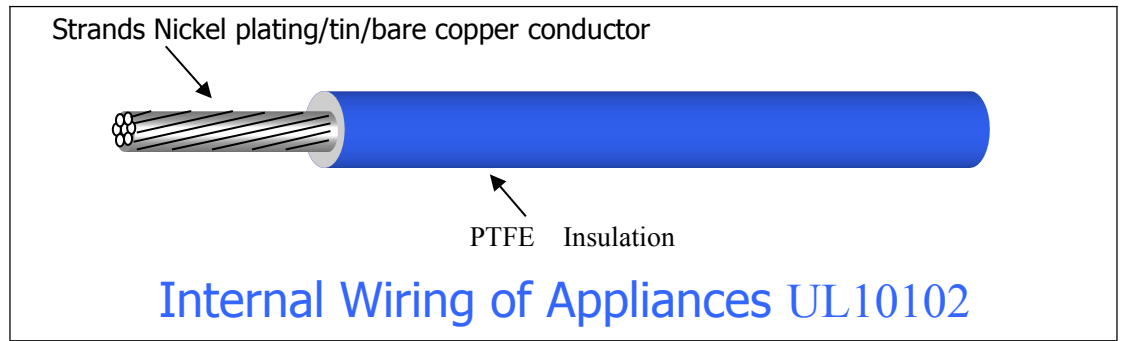
SHOULD BE USED:

Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
 Conductor: Nickel plating/tin/bare copper conductor;
 Insulation materials: PTFE Insulation

Conductor temperature not over 200°C PTFE insulated wire
 Rated temperature: 200°C rated voltage:150V

STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conduc tor Dia.(m m)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Mon.	Tol.
10102	10	37/0.42	3.54	2.94	0.33	0.30	3.60	±0.15
	12	37/0.374	5.64	2.62	0.33	0.30	3.28	±0.10
	14	19/0.361	8.96	1.85	0.33	0.30	2.51	±0.10
	16	19/0.287	14.60	1.50	0.20	0.18	1.90	±0.10
	18	19/0.235	23.20	1.18	0.20	0.18	1.58	±0.10
	20	19/0.19	36.70	0.95	0.15	0.13	1.25	±0.10
	22	19/0.15	59.40	0.76	0.15	0.13	1.06	±0.10
	24	7/0.20	94.20	0.61	0.15	0.13	0.91	±0.10
	26	7/0.16	150.00	0.48	0.15	0.13	0.78	±0.10
	28	1/0.32	227.00	0.32	0.15	0.13	0.62	±0.10
	30	1/0.254	361.00	0.254	0.15	0.13	0.56	±0.10

Marking : E211048 AWM STYLE 10102 NO. AWG 200°C 150V VW-1 PTFE QIFURUI -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- FT/roll			
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	

According to customer requirements for packaging packaging