

CHARACTER:

1. Physical performance

a、 excellent mechanical properties:

Tensile strength ≥13.8MPa, elongation at break ≥300%

After aging:

Condition: 158 ± 1.0 °C / 168h

Tensile strength residual rate ≥80% elongation at break ≥80%

b、 Flame retardancy: FT2, horizontal burning, burning once, 30s each time,

no particles or droplets igniting the cotton layer can be emitted on the sample during the test

VW-1, vertical burning, burning for 5 times, 15S each time, any residual flame is not more than 60S.

c、 Low temperature bending: -10 °C ± 2 °C / 4H, no crack on the surface of the sample is qualified

2. Electrical Properties

a、 rated temperature: 125 °C **rated voltage:** 600V

b、 Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV AC

c、 dielectric withstand voltage: 6.0KV AC, 60 seconds without breakdown

3. Processing properties

a、 Using the hot extrusion processing

b、 Can be twisted pair and multi-core

c、 According to UL standard design

4. Environmental protection

a、 low smoke, non-halogen

b、 ROHS/REACH compliant

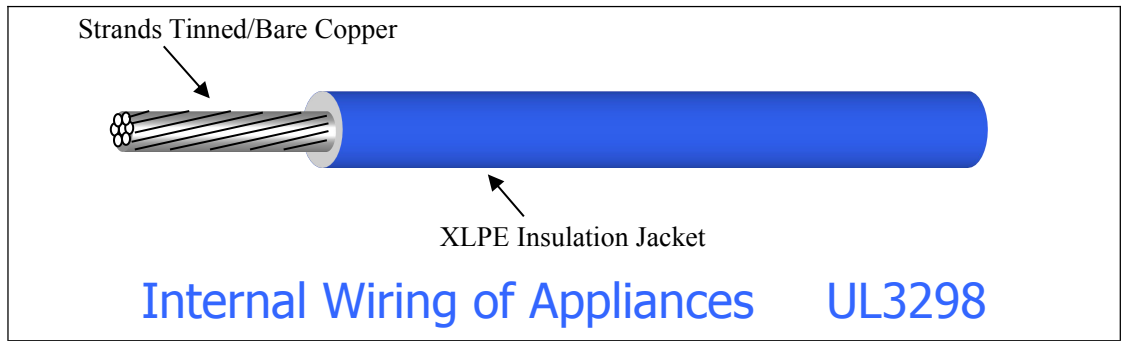
SHOULD BE USED:

Internal Wiring of Appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: XLPE Insulation

Internal wiring 。 Conductor temperature not over 125 °C XLPE insulated wire
Rated temperature: 125 °C rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20 °C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3298	16	26/0.254	14.60	1.50	1.15	1.04	3.80	±0.15
	18	16/0.254	23.20	1.17	1.15	1.04	3.45	±0.15
	20	21/0.18	36.70	0.95	1.15	1.04	3.25	±0.15

Marking: E211048 AWM STYLE 3298 NO.AWG 125 °C 600V XLPE QIFURUI AWM I A 125 °C 600V FT2 -LF-
OR: E211048 AWM STYLE 3298 NO. AWG 125 °C 600V XLPE QIFURUI 221756 CSA AWM I A 125 °C 600V FT2 -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			
16-22AWG	<input type="checkbox"/> 200Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft

According to customer requirements for packaging packaging

