

CHARACTER:

1. Physical performance

a、 excellent mechanical properties:

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

After aging:

Condition: 180 ± 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: 150°C **rated voltage:** 6kV

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

c、 dielectric withstand voltage: 6.0KV, 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

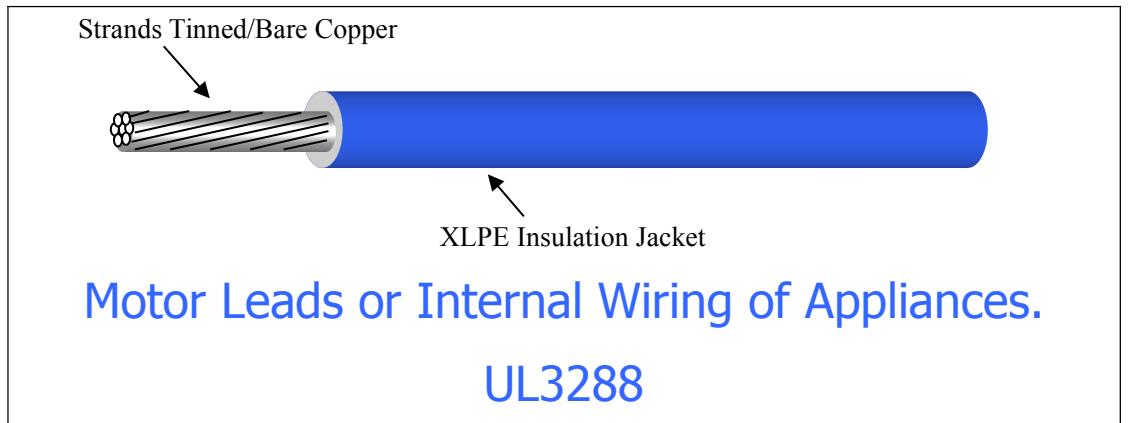
SHOULD BE USED:

Motor Leads or Internal Wiring of Appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: XLPE Insulation

Internal wiring of Appliances. Conductor temperature not over 150°C XLPE insulated wire
Rated temperature: 150°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.
3288	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.42	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.92	0.80	0.69	3.45	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.1
	18	16/0.254	23.20	1.18	0.80	0.69	2.75	±0.1
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.1
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.1
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.1
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.1
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.1
	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10

Marking: E211048 AWM STYLE 3288 NO.AWG 150°C 600V XLPE QIFURUI
AWM I A 150°C 600V FT2 -LF-
E211048 AWM STYLE 3288 NO.AWG 150°C 600V VW-1 XLPE QIFURUI
AWM I A 150°C 600V FT1 -LF-
OR: E211048 AWM STYLE 3288 NO. AWG 150°C 600V XLPE QIFURUI 221756
CSA AWM I A 150°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			
10AWG	<input type="checkbox"/> 200Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
12~16AWG	<input type="checkbox"/> 200Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18~30AWG	<input type="checkbox"/> 200Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft



According to customer requirements for packaging packaging