

CHARACTER:

1. Physical performance

a、 excellent mechanical properties:

Tensile strength $\geq 4.83\text{MPa}$, elongation at break $\geq 200\%$
 After aging:
 Condition: $136 \pm 1.0^\circ\text{C} / 168\text{h}$
 Tensile strength residual rate $\geq 50\%$ elongation at break $\geq 50\%$

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: $-10^\circ\text{C} \pm 2^\circ\text{C} / 4\text{H}$, no crack on the surface of the sample is qualified

2. Electrical Properties

a、 rated temperature: 105°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: 2.0KV 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、 ROHS/REACH compliant

SHOULD BE USED:

Motor Leads and Internal Wiring of Appliances.

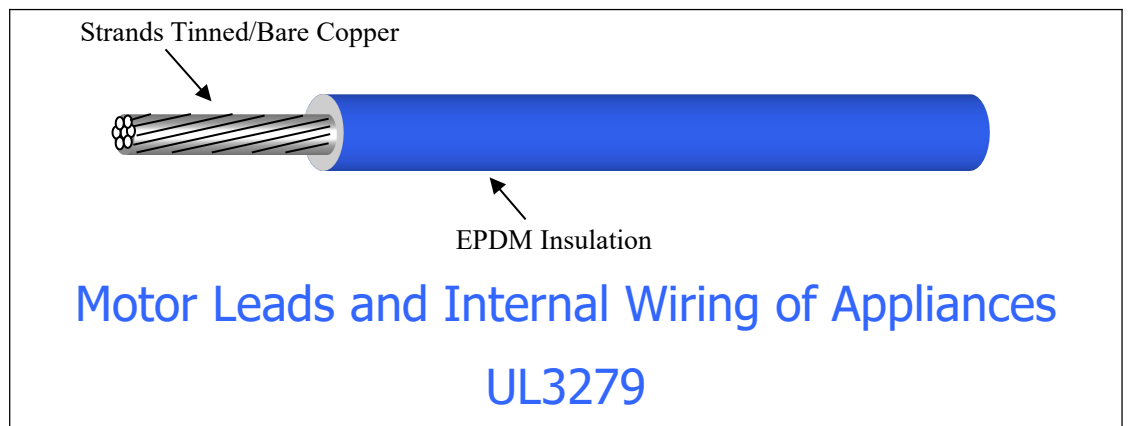
REFERENCE:

UL758-2010、 UL1581-2009

Outline:

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



Wire structure description:
 Conductor: Tinned /Bare copper ;
 Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. Conductor temperature not over 105°C
 EPDM insulated wire
 Rated temperature: 105°C rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) $\pm 0.005\text{mm}$	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom	Min.	Min	Max
3279	4/0	19/44/0.404	0.172	15.48	1.98	1.78	19.44	± 0.25
	3/0	7/37/0.643	0.219	13.54	1.98	1.78	17.5	± 0.25
	3/0	19/87/0.254	0.219	13.68	1.98	1.78	17.64	± 0.25
	2/0	19/70/0.254	0.277	12.26	1.98	1.78	16.22	± 0.25
	2/0	7/37/0.574	0.277	12.1	1.98	1.78	16.06	± 0.25
	1/0	19/55/0.254	0.349	10.88	1.98	1.78	14.84	± 0.25
	1/0	7/37/0.51	0.349	10.75	1.98	1.78	14.71	± 0.25
	1	19/44/0.254	0.440	9.72	1.98	1.78	13.68	± 0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.6	± 0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	± 0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	± 0.20
	08	168/0.254	2.23	3.80	1.52	1.37	6.84	± 0.15
	10	105/0.254	3.54	3.00	1.14	1.04	5.28	± 0.15
	12	65/0.254	5.64	2.36	1.14	1.04	4.64	± 0.15
	14	41/0.254	8.96	1.88	1.14	1.04	4.16	± 0.15
	16	26/0.254	14.60	1.50	1.14	1.04	3.78	± 0.15
	18	16/0.254	23.20	1.17	1.14	1.04	3.45	± 0.10
	20	21/0.18	36.70	0.95	1.14	1.04	3.23	± 0.10
22	17/0.16	59.40	0.76	1.14	1.04	3.04	± 0.10	
24	11/0.16	94.20	0.61	1.14	1.04	2.89	± 0.10	
26	7/0.16	150.00	0.48	1.14	1.04	2.76	± 0.10	

Marking: E211048 AWM STYLE 3279 NO. AWG 105°C 600V EPDM QIFURUI AWM I A 105°C 600V FT2 -LF-

PACKAGE

*PACKAGE				
Part No.	Packing- FT/roll			
4/0-4AWG	<input checked="" type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
6~10AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
12~16AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18~26AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft

According to customer requirements for packaging packaging