

CHARACTER:

- 1.Physical performance
- a、Excellent mechanical properties

b、Excellent thermal stability

c、Low temperature soft good performance

d、Good flame retardancy

e、Of high resistance to chemicals

f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、Excellent resistance to impact ability
- 2.Electrical Properties
- a、Electrical insulation good

b、Good the dielectric properties
- 3.Processing properties
- a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、Good processing properties Harness

d、Harness processing process good compatibility

e、According to SAE standard design
- 4.Environmental protection
- a、ROHS/REACH compliant

SHOULD BE USED:

Ground vehicles with low voltage electric system primary cable

REFERENCE:

SAE J1128-2000

Outline:

Strands Tinned/Bare Copper



PVC Insulation

Ground vehicles with low voltage electric system primary cable TWP

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

Ground vehicles with low voltage electric system primary cable						
Rated temperature: 80℃ rated voltage: 60Vac or 25Vdc						
STYLE	AWG	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm) Max.
				Nom.	Min.	
TWP	8	168/0.254	3.80	0.55	0.39	4.90
	10	105/0.254	3.00	0.50	0.35	4.00
	12	65/0.254	2.40	0.45	0.32	3.30
	12	19/0.50	2.50	0.45	0.32	3.30
	14	41/0.254	1.90	0.40	0.28	2.70
	16	26/0.254	1.50	0.40	0.28	2.40
	18	16/0.254	1.20	0.40	0.28	2.20
	20	7/0.30	0.92	0.40	0.28	1.90
	22	7/0.254	0.79	0.40	0.28	1.70
	24	7/0.20	0.61	0.40	0.28	1.50

Marking: NO MARKING

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			
8~10AWG	☒ 500FT	☐ 1000FT	☐ 2000FT	
12~16AWG	☐ 500FT	☒ 1000FT	☐ 2000FT	
18~24AWG	☐ 500FT	☐ 1000FT	☒ 2000FT	
According to customer requirements for packaging packaging				

