

Product Specification

Part No.: UL 1371 FEP insulation cable	Color
Cross Section	Insulation Per request
	Performance
Marking	Electrical Characteristics(20°C)
None	Max Conductor DC Resistance (Ω /km) 14.6 Min Insulation Resistance (M Ω .km) 10.0 Dielectric Withstand AC (KV) 2.0
Description	Mechanical Characteristics:
Rated Temperature (°C) -40~105 Rated Voltage (V) 600 Product Standard Certification UL Flammeability Test UL VW-1 & CSA FT1	Test Object
Application For internal wiring of electronic and electrical equipment	Test Material
Reference Standard UL758, UL1581 & CSA C22.2 No.210.	Before Tensile Strength (Mpa) ≥ 17.35 Aging Elongation (%) ≥ 200
Construction	Aging Condition 232 \pm 2°C x 168 hrs
Conductor Stranded Tinned Copper	After Tensile Strength (kg/mm ²) $\geq 75\%$ original Aging Elongation (%) $\geq 75\%$ original
AWG 16	Deformation(136 \pm 2 °C.X1hr 250g) $\leq 50\%$
Structure(mm) 19/0.30	Cold Bend -40 \pm 2°C x4hrs No crack
Conductor Dia.(mm) 1.5(Ref.)	Heat Shock 136 \pm 2°C x1hr No crack
Insulation FEP	
Min Thickness(mm) 0.18	
Normal Thickness (mm) 0.20	
Insulation Dia (\pm 0.10mm) 1.95	
	Sample Record
	Sample No. : Original spec no. SZ-B1371-017 Rev.: 0 Ref. spec No. : Rev.:
	Revision History
	Prepared by: Yanghua 2015/12/23 Table No.:T100 Rev.: 0 Approved by: CICI CHENG 2015/12/23 Page 1 of 1