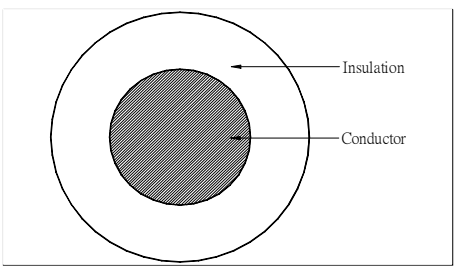


Product Specification

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