

Product Specification



Part No.:XB1015681		Color	
Style 1015 20AWG Insulated Wire.		Insulation Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray	
Cross Section			
Marking			
BELDEN E357312-S 20AWG AWM STYLE 1015 105C 600V VW-1 --- c AWM I A/B 105C 600V FT1 -F- ROHS			
Description			
Rated Voltage (V)	600		
Rated Temperature (°C)	105		
Product Standard Certification	UL & JQA		
Flammability Test	UL VW-1 & CSA FT1		
Application			
Internal Wiring of Appliances			
Reference Standard			
UL758, UL1581 & CSA C22.2 No.210.2			
Construction			
1Core			
Conductor		Stranded Tinned Copper	
AWG	20		
Construction	26/0.16		
Stranded Dia. (mm)	0.94		
Insulation		PVC	
Min. Thickness (mm)	0.69		
Nom. Thickness (mm)	0.79		
Insulation Dia. (±0.10mm)	2.52		
Performance			
Electrical Characteristics:			
Max. Conductor DC Resistance at 20°C (Ω/km)		36.70	
Dielectric Strength AC (V/1min)		2000	
Min Insulation DC Resistance(MΩ.km)		10	
Mechanical Characteristics:			
Test Object			Insulation
Test Material			PVC
Before	Tensile Strength (Mpa)		≥ 10.3
Aging	Elongation (%)		≥ 100
Aging Condition			136±2°C x 168 hrs
After	Tensile Strength (Mpa)		≥ 70% of original
Aging	Elongation (%)		≥ 65% of original
Sample Record			
Sample No. :			
Original spec no.:		Rev.:	
Ref. spec No. : SK-B1015-681		Rev.: 0	
Revision History			
Prepared by:	Yanghua	2014/2/12	Table No.:T100
Approved by:	CICI.CHENG	2014/2/12	Rev.: 0
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