

# Product Specification



<b>Part No.:</b>		<b>Color</b>	
Style 1015 Insulated Wire.		<b>Insulation</b> Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray	
<b>Cross Section</b>			
<b>Marking</b>			
BELDEN E357312-S 18AWG  AWM STYLE 1015 105C 600V VW-1 --- c  AWM I A/B 105C 600V FT1 -F- ROHS			
<b>Description</b>			
Rated Voltage (V)	600		
Rated Temperature (°C)	105		
Product Standard Certification	UL & JQA		
Flammability Test	UL VW-1 & CSA FT1		
<b>Application</b>			
Internal Wiring of Appliances			
<b>Reference Standard</b>			
UL758, UL1581 & CSA C22.2 No.210.2			
<b>Construction</b>			
<b>1Core</b>			
<b>Conductor</b>		<b>Stranded Tinned Copper</b>	
AWG	18		
Construction	41/0.16		
Stranded Dia. (mm)	1.18		
<b>Insulation</b>		<b>PVC</b>	
Min. Thickness (mm)	0.69		
Nom. Thickness (mm)	0.81		
Insulation Dia. (±0.10mm)	2.80		
<b>Performance</b>			
<b>Electrical Characteristics:</b>			
Max. Conductor DC Resistance at 20°C (Ω/km)		23.20	
<b>Mechanical Characteristics:</b>			
<b>Test Object</b>		<b>Insulation</b>	
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	
<b>Sample Record</b>			
Sample No. :			
Original spec no. SZ-B1015-1066		Rev.: 0	
Ref. spec No. : SK-B1015-903		Rev.: 0	
<b>Revision History</b>			
Prepared by:	ADISON	2016/5/31	Table No.:T100
Approved by:	CICI.CHENG	2016/5/31	Rev.: 0 Page 1 of 1