

# Product Specification



<b>Part No.:</b>		<b>Color</b>	
Style 1543 Insulated Wire.		<b>Insulation</b> Available colors from: Black / Brown / Red /Pink/ Orange / Yellow / Green /Light Green/ Blue /Light Blue/ Violet/Gray / White	
<b>Cross Section</b>			
<b>Marking</b>			
BELDEN E357312-S 14AWG  AWM STYLE 1534 80C 30V VW-1 - - - c  AWM I A/B 80C 30V FT1 - F- ROHS			
<b>Description</b>			
Rated Voltage (V)	30		
Rated Temperature (°C)	80		
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	14		
Construction	41/0.254		
Stranded Dia. (mm)	1.87		
<b>Insulation</b>	<b>PVC</b>		
Min. Thickness (mm)	0.26		
Nom. Thickness (mm)	0.32		
Insulation Dia. (±0.15mm)	2.60		
<b>Performance</b>			
<b>Electrical Characteristics:</b>			
Max. Conductor DC Resistance at 20°C (Ω /km)	8.9600		
<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-B1534-002		Rev.: 0	
Ref. spec No. :		Rev.:	
<b>Revision History</b>			
Prepared by:	BOWEN	2014/1/23	Table No.:T100
Approved by:	CICI.CHENG	2014/1/23	Rev.: 0 Page 1 of 1