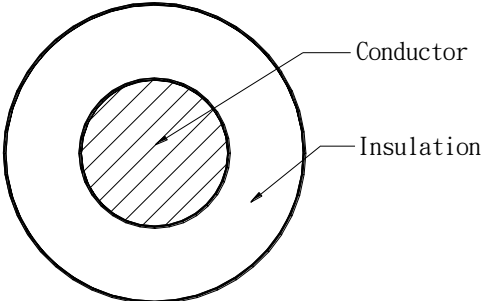




Product Specification

Part No.: B1569-641		Color																						
<p align="center">Cross Section</p>  <p>Conductor Insulation</p>		<p>Insulation Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray</p>																						
		<p align="center">Performance</p> <p>Electrical Characteristics: Max. Conductor DC Resistance at 20°C (Ω/km) 36.7</p>																						
<p align="center">Marking</p> <p>BELDEN E357312-S 20AWG  AWM STYLE 1569 105C 300V VW-1 - - -  AWM I A/B 105C 300V FT1 -F- ROHS</p>		<p align="center">Mechanical Characteristics:</p> <table border="0"> <tr> <td>Test Object</td> <td></td> <td align="right">Insulation</td> </tr> <tr> <td>Test Material</td> <td></td> <td align="right">PVC</td> </tr> <tr> <td>Before</td> <td>Tensile Strength (Mpa)</td> <td align="right">≥ 10.35</td> </tr> <tr> <td>Aging</td> <td>Elongation (%)</td> <td align="right">≥ 100</td> </tr> <tr> <td colspan="2">Aging Condition</td> <td align="right">136\pm2°C x 168 hrs</td> </tr> <tr> <td>After</td> <td>Tensile Strength (Mpa)</td> <td align="right">$\geq 70\%$ of original</td> </tr> <tr> <td>Aging</td> <td>Elongation (%)</td> <td align="right">$\geq 65\%$ of original</td> </tr> </table>		Test Object		Insulation	Test Material		PVC	Before	Tensile Strength (Mpa)	≥ 10.35	Aging	Elongation (%)	≥ 100	Aging Condition		136 \pm 2°C x 168 hrs	After	Tensile Strength (Mpa)	$\geq 70\%$ of original	Aging	Elongation (%)	$\geq 65\%$ of original
Test Object		Insulation																						
Test Material		PVC																						
Before	Tensile Strength (Mpa)	≥ 10.35																						
Aging	Elongation (%)	≥ 100																						
Aging Condition		136 \pm 2°C x 168 hrs																						
After	Tensile Strength (Mpa)	$\geq 70\%$ of original																						
Aging	Elongation (%)	$\geq 65\%$ of original																						
<p align="center">Description</p> <table border="0"> <tr> <td>Rated Voltage (V)</td> <td align="right">300</td> </tr> <tr> <td>Rated Temperature (°C)</td> <td align="right">105</td> </tr> <tr> <td>Product Standard Certification</td> <td align="right">UL</td> </tr> <tr> <td>Flammability Test</td> <td align="right">VW-1, CSA FT1</td> </tr> </table> <p>Application For general purpose internal wiring of electronic and electrical equipment and power adaptor for portable PC.</p> <p>Reference Standard UL758, UL1581 & CSA C22.2 No. 210</p>		Rated Voltage (V)	300	Rated Temperature (°C)	105	Product Standard Certification	UL	Flammability Test	VW-1, CSA FT1															
Rated Voltage (V)	300																							
Rated Temperature (°C)	105																							
Product Standard Certification	UL																							
Flammability Test	VW-1, CSA FT1																							
<p align="center">Construction</p> <table border="0"> <tr> <td>1Core</td> <td></td> </tr> <tr> <td>Conductor</td> <td align="right">Stranded Tinned Copper</td> </tr> <tr> <td>AWG</td> <td align="right">20</td> </tr> <tr> <td>Construction</td> <td align="right">7/0.32</td> </tr> <tr> <td>Stranded Dia. (mm)</td> <td align="right">0.96</td> </tr> <tr> <td>Insulation</td> <td align="right">PVC</td> </tr> <tr> <td>Min.. Thickness (mm)</td> <td align="right">0.33</td> </tr> <tr> <td>Nom. Thickness (mm)</td> <td align="right">0.40</td> </tr> <tr> <td>Insulation Dia. (± 0.08mm)</td> <td align="right">1.76</td> </tr> </table>		1Core		Conductor	Stranded Tinned Copper	AWG	20	Construction	7/0.32	Stranded Dia. (mm)	0.96	Insulation	PVC	Min.. Thickness (mm)	0.33	Nom. Thickness (mm)	0.40	Insulation Dia. (± 0.08 mm)	1.76					
1Core																								
Conductor	Stranded Tinned Copper																							
AWG	20																							
Construction	7/0.32																							
Stranded Dia. (mm)	0.96																							
Insulation	PVC																							
Min.. Thickness (mm)	0.33																							
Nom. Thickness (mm)	0.40																							
Insulation Dia. (± 0.08 mm)	1.76																							
		<p align="center">Sample Record</p> <p>Sample No. : Original spec no.: Rev.: Ref. spec No. : SK-B1569-641 Rev.: 0</p>																						
		<p align="center">Revision History</p>																						
		<p>Prepared by: Yaqin Mo 2012/11/13 Table No.:T100 Rev.: 0 Approved by: CICICHENG 2012/11/13 Page 1 of 1</p>																						