

**AuroraFlex™ GA 103803**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

An 80°C insulating and jacketing wire material designed for SJT type applications. This product is UV resistant.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• UV Resistant		
Uses	• Electronic Insulation	• Wire & Cable Applications	• Wire Jacketing
Appearance	• Colors Available		
Processing Method	• Extrusion		

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.41		ASTM D792
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	2300	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Brittleness Temperature	-2.20	°F	ASTM D746
<b>Electrical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Volume Resistivity	7.0E+14	ohms·cm	ASTM D257
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Oxygen Index <sup>2</sup>	28	%	ASTM D2863

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Value is intended for reference only
