

**AuroraFlex™ GA-509-80CLF**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

A 105°C, UL 1277 listed sunlight resistant, power limited and control cable jacket compound meeting CMX CL2 and VW1 jacketing requirements

Note: Additional custom color matching is available upon request.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Uses	• Cable Jacketing
Agency Ratings	• UL 1277
Appearance	• Colors Available
Processing Method	• Extrusion

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.36 to 1.42		ASTM D792
<b>Elastomers</b>			
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
<b>Hardness</b>			
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
<b>Thermal</b>			
Brittleness Temperature	-18.4	°F	ASTM D746
<b>Aging</b>			
Change in Tensile Strength (277°F, 168 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation (277°F, 168 hr)	-15	%	UL Unspecified
<b>Flammability</b>			
Oxygen Index	29	%	ASTM D2863

**Processing Information**

	Nominal Value	Unit
<b>Extrusion</b>		
Cylinder Zone 1 Temp.	300	°F
Cylinder Zone 2 Temp.	310	°F
Cylinder Zone 3 Temp.	330	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	340 to 360	°F
Die Temperature	345	°F

**Notes**

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

