

AuroraFlex™ GA-509-80LG

Aurora Material Solutions, LLC - *Polyvinyl Chloride*
General Information
Product Description

Flexible Sunlight Resistant 105°C Jacketing Compound with 60°C Oil Resistance.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Flexibility	• Oil Resistant	• Sunlight Resistant
Uses	• Jacketing		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.28		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2050	psi	ASTM D412
Tensile Elongation (Break)	320	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	66 to 72		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.6	°F	ASTM D746
Melting Temperature	334 to 351	°F	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
140°F, 168 hr	15	%	
277°F, 168 hr	11	%	
Change in Ultimate Elongation			UL Unspecified
140°F, 168 hr	-21	%	
277°F, 168 hr	-39	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

Notes
¹ Typical properties: these are not to be construed as specifications.
