

AuroraGuard™ GA-509-RF

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

105°C rated jacketing compound with good low temperature and aging properties.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Low Temperature Toughness		
Uses	• Cable Jacketing		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.34 to 1.40		ASTM D792
Elastomers			
Tensile Strength	2540	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness			
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Thermal			
Continuous Use Temperature	338 to 347	°F	
Brittleness Temperature	-16.6	°F	ASTM D746
Aging			
Change in Tensile Strength (277°F, 168 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation (277°F, 168 hr)	-25	%	UL Unspecified
Flammability			
Oxygen Index	31	%	ASTM D2863

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