

AuroraGuard™ GA-509-KHA

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.43		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	84 to 90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	338 to 347	°F	
Brittleness Temperature	-23.8	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
158°F, 4 hr	-3.0	%	
277°F, 168 hr	0.0	%	
Change in Ultimate Elongation			UL Unspecified
158°F, 4 hr	-16	%	
277°F, 168 hr	-25	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

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