

AuroraGuard™ GA-5062R3

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 75°C rated, PVC based, highly flame-retardant jacketing compound.

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	
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Cable Jacketing		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.45 to 1.51		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85 to 91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-11.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 240 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation (212°F, 240 hr)	-14	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	40	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Hopper Temperature	360	°F
Cylinder Zone 1 Temp.	289	°F
Cylinder Zone 2 Temp.	309	°F
Cylinder Zone 3 Temp.	329	°F
Cylinder Zone 4 Temp.	351	°F
Melt Temperature	351 to 370	°F
Die Temperature	354	°F

