

**AuroraGuard™ GA-5062-4380**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

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

**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		

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.50 to 1.56		ASTM D792
<b>Elastomers</b>			
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
<b>Hardness</b>			
Durometer Hardness (Shore D, 15 sec)	52 to 58		ASTM D2240
<b>Thermal</b>			
Brittleness Temperature	10.4	°F	ASTM D746
<b>Aging</b>			
Change in Tensile Strength (212°F, 240 hr)	-30	%	UL Unspecified
Change in Ultimate Elongation (212°F, 240 hr)	-55	%	UL Unspecified
<b>Flammability</b>			
Oxygen Index	43	%	ASTM D2863

**Processing Information**

	Nominal Value	Unit
<b>Extrusion</b>		
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

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