

AuroraFlex™ GA-5062R3

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 80°C rated , UV resistant, flame retardant jacketing compound with good low temperature properties.

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	• Low Temperature Toughness	• UV Resistant
Uses	• Jacketing		
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.51 to 1.57		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2490	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86 to 92		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-5.80	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 168 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation (212°F, 168 hr)	-14	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	43	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300 to 345	°F
Cylinder Zone 2 Temp.	300 to 345	°F
Cylinder Zone 3 Temp.	300 to 345	°F
Cylinder Zone 4 Temp.	300 to 345	°F
Cylinder Zone 5 Temp.	300 to 345	°F
Melt Temperature	320 to 330	°F
Die Temperature	350 to 355	°F

