

AuroraFlex™ GA-50905LF

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 90°C, UV, 720 hr. Listed, RoHS compliant, Flame Retardant PVC Jacketing Compound.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Additive	• Flame Retardant
Features	• Flame Retardant • UV Resistant
Uses	• Jacketing
RoHS Compliance	• RoHS Compliant
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.45		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2800	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85 to 101		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation (277°F, 168 hr)	-15	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	309	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	331	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	340 to 349	°F
Die Temperature	351	°F
Screw Compression Ratio	3.0:1.0 to 3.5:1.0	

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