

AuroraFlex™ GA-1050LF

Aurora Material Solutions, LLC - *Polyvinyl Chloride*
General Information
Product Description

A UL Bulletinized, VW-1, 105°C (221°F) rated PVC based compound designed for THHN, THWN, MTW 1000 volt applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Wire & Cable Applications		
Agency Ratings	• UL Type THHN	• UL Type THWN	• UL VW-1

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34 to 1.40		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2800	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	89 to 95		ASTM D2240
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Melt Temperature	351 to 360	°F	

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