

AuroraFlex™ GA 1050OR

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

General Information

Product Description

A 105°C PVC compound designed to meet UL style 1277 requirements and can be used for CM(X) and CL2 type jacketing applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Uses	• Jacketing • Wire & Cable Applications
Appearance	• Colors Available
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1400	psi	ASTM D412
Tensile Strength	2500	psi	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		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			UL Unspecified
140°F, 168 hr, in Oil	9.0	%	
277°F, 168 hr	4.0	%	
Change in Ultimate Elongation			
140°F, 168 hr, in Oil	-12	%	ASTM D471
277°F, 168 hr	-12	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index ²	26	%	ASTM D2863

Notes

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

² Value is intended for reference only

