

AuroraFlex™ GA 3210

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

General Information

Product Description

A 105°C insulating and jacketing material designed to meet UL 62 for SPT 1 and AWM cables.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1200	psi	ASTM D412
Tensile Strength	2500	psi	ASTM D412
Tensile Elongation (Break)	350	%	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	-22.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index ²	25	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	340 to 360	°F

Notes

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

² Value is intended for reference only

