

AuroraFlex™ GA 2001985ABC

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

General Information
Product Description

A 105°C rated PVC compound designed for battery cables 6 AWG or larger.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Flexibility		
Uses	• Insulation	• Wire & Cable Applications	
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 Strength (Break, 0.0300 in)	2500	psi	ASTM D412
Tensile Elongation (Break, 0.0300 in)	320	%	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	-31.0	°F	ASTM D746
Thermal Stability (392°F)	> 3	hr	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (266°F, 240 hr)	-10	%	Internal Method
Change in Ultimate Elongation (266°F, 240 hr)	-10	%	Internal Method
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+14	ohms·cm	ASTM D257

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