

AuroraFlex™ GA-5748C-01

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

105°C rated, 1000 volt, RoHS compliant, PVC-based compound suitable for THHN, THWN applications.

Note: Additional custom color matching is available upon request.

General

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

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.30 to 1.36		ASTM D792
Mechanical			
Tensile Modulus	2100	psi	ASTM D412
Elastomers			
Tensile Strength	3100	psi	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Hardness			
Durometer Hardness (Shore D, 15 sec)	38 to 44		ASTM D2240
Thermal			
Brittleness Temperature	1.40	°F	ASTM D746
Flammability			
Oxygen Index	29	%	ASTM D2863

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