

AuroraFlex™ GA-5748C-05

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

105 C rated, 1,000 volt , RoHS compliant, PVC based compound suitable for THHN, THWN applications.

Note: Additional custom color matching is available upon request.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific Europe Latin America North America
Uses	<ul style="list-style-type: none"> Thin-walled Parts
RoHS Compliance	<ul style="list-style-type: none"> RoHS Compliant
Appearance	<ul style="list-style-type: none"> Colors Available

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2390	psi	ASTM D412
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3190	psi	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	47 to 53		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	15.8	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

