

AuroraFlex™ GA5727

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

105 C rated, PVC based insulation compound suitable for THWN 2 applications. This product is RoHS compliant.

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	• Insulation	• Thin-walled Parts	
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.28 to 1.34		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break, 0.0300 in)	3290	psi	ASTM D412
Tensile Elongation (Break, 0.0300 in)	290	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	38 to 44		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	5.00	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

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