

AuroraFlex™ GA-509-LT

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A 105°C PVC based compound designed to meet UL1277 sunlight resistant tray cable jacket.

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
Features	• Sunlight Resistant
Uses	• Cable Jacketing
Agency Ratings	• UL 1277
Appearance	• Colors Available
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.43		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87 to 93		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (277°F, 168 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation (277°F, 168 hr)	-21	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	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.

