

AuroraFlex™ GA-3133S-CC-UV

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

Meets Style 1277 T. C. Power & Control Cable Requirements, and can be used for CM(X), CATV(X) and CL2 jacketing applications. UL listed for 720hr. sunlight.

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	1.40 to 1.44		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2800	psi	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90 to 94		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	1.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 168 hr)	3.0	%	UL Unspecified
Change in Ultimate Elongation (212°F, 168 hr)	-15	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300	°F
Cylinder Zone 2 Temp.	309	°F
Cylinder Zone 3 Temp.	331	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	340 to 360	°F
Die Temperature	345	°F

Notes

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

