

AuroraFlex™ LVP263LFSGUV

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A 75°C , UV resistant, flame retardant, RoHS Compliant, PVC wire and cable material suitable for SJT insulation and is UL recognized for TW application.

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	
Additive	• Flame Retardant		
Features	• Flame Retardant	• UV Resistant	
Uses	• Wire & Cable Applications		
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.42		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2490	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85 to 90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-16.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (235°F, 168 hr)	10	%	
Change in Ultimate Elongation (235°F, 168 hr)	-18	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	325	°F
Cylinder Zone 2 Temp.	330	°F
Cylinder Zone 3 Temp.	335	°F
Cylinder Zone 4 Temp.	345	°F
Melt Temperature	340	°F
Die Temperature	350 to 355	°F

