

**AuroraFlex™ LVP273LF**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

A 90°C , flame retardant, RoHS Compliant, oil resistant PVC wire and cable material for jacketing 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	• Low Temperature Toughness	
Uses	• Jacketing	• Wire & Cable Applications	
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25 to 1.31		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2190	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	63 to 69		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (250°F, 168 hr)	10	%	
Change in Ultimate Elongation (250°F, 168 hr)	-18	%	

**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

