

AuroraFlex™ LVP-178CLF

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

A 105°C, oil resistant, PVC based compound suitable for wire and cable applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Oil Resistant		
Uses	• Wire & Cable Applications		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41 to 1.45		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2290	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	77 to 83		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
212°F, 96 hr, in IRM 902 Oil	-4.0	%	
277°F, 168 hr	-8.0	%	
Change in Ultimate Elongation			UL Unspecified
212°F, 96 hr, in IRM 902 Oil	-13	%	
277°F, 168 hr	-19	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

