

AuroraFlex™ LVP-265-LFMUV

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*
General Information
Product Description

A highly resilient Thermoplastic Elastomer designed for applications that require excellent tensile strength and recovery. This material possesses excellent processability and can be both molded and extruded.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Excellent Processability • High Strength • Resilient
Uses	• Molds/Dies/Tools
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.36		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2150	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	67 to 73		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			UL Unspecified
140°F, 168 hr, in Oil	-1.0	%	
212°F, 96 hr, in Oil	-3.0	%	
277°F, 168 hr	-5.0	%	
Change in Ultimate Elongation			UL Unspecified
140°F, 168 hr, in Oil	-14	%	
212°F, 96 hr, in Oil	-46	%	
277°F, 168 hr	-14	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Notes

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

