

AuroraFlex™ XP-115LE

Aurora Material Solutions, LLC - Chlorinated Polyethylene

General Information

Product Description

A Chlorinated PE TPO based compound suitable for Wire and Cable applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Wire & Cable Applications		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	850	psi	ASTM D412
Tensile Strength	1500	psi	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ² (Shore A)	94		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (250°F, 168 hr)	-3.0	%	UL Unspecified
Change in Ultimate Elongation (250°F, 168 hr)	3.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Notes

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

² Thermoplastic

