

AuroraFlex™ XP-115LE ZETA

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 • Asia Pacific	• Europe • Latin America	• North America
Uses	• Wire & Cable Applications		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29 to 1.35		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	856	psi	ASTM D412
Tensile Strength (Break)	1490	psi	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	91 to 97		ASTM D2240
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	310	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	330	°F
Cylinder Zone 4 Temp.	335	°F
Melt Temperature	325	°F
Die Temperature	340 to 345	°F

Notes

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

