

AuroraFlex™ CPE-14-035

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	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1800	psi	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec	85		
Shore D, 15 sec	32		
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, 7 hr, in Oil)	84	%	UL 1581
Change in Ultimate Elongation (250°F, 168 hr, in Oil)	110	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

Notes

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

